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UNITED STATES  
DEPARTMENT OF AGRICULTURE

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COOPERATIVE EXTENSION  
WORK, 1922



PREPARED BY THE  
STATES RELATIONS SERVICE

## LETTER OF TRANSMITTAL.

U. S. DEPARTMENT OF AGRICULTURE,  
STATES RELATIONS SERVICE,  
Washington, D. C., June 30, 1923.

SIR: I have the honor to transmit herewith a report on cooperative extension work in agriculture and home economics in the United States for 1922, and on the work of the Department of Agriculture in relation thereto, in accordance with a provision of the act of Congress of March 4, 1915, entitled "An act making appropriations for the Department of Agriculture for the fiscal year ending June thirtieth, nineteen hundred and sixteen." (38 Stat. L., p. 1110.)

Very respectfully,

A. C. TRUE, *Director.*

HOD. HENRY C. WALLACE,  
*Secretary of Agriculture.*

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# COOPERATIVE EXTENSION WORK, 1922.

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This is the eighth annual report on cooperative extension work in agriculture and home economics organized under the act of Congress of May 8, 1914 (Smith-Lever Act), and similar work conducted under cooperative arrangements between the United States Department of Agriculture, State agricultural colleges, and local organizations.

## ORGANIZATION.

The extension work in 1922 was carried on as in previous years under the joint supervision of the United States Department of Agriculture and the State agricultural colleges cooperating with local organizations within the counties. It was administered for the department through the Office of Cooperative Extension Work in the States Relations Service.

## PERSONNEL.

On June 30, 1922, there were 5,500 persons employed in the cooperative extension service. Of these, 2,271 white and 162 negro agents were engaged in county agent work, 2,286 of them having permanent headquarters in the counties; 865 white and 110 negro agents were employed in home demonstration work, 853 being permanently located in the counties; and 328 white agents were engaged in boys' and girls' club work, 208 being permanently located in the counties. In addition, there were 802 extension specialists in the various branches of agriculture and home economics who did work throughout the States. There were also other workers with college or district headquarters who aided the county agents and did much work in counties where there were no permanent county agents.

## FUNDS.

The total expenditures of the cooperative extension work in 1922 aggregated \$17,181,750, of which sum the Federal Government contributed \$5,510,349 under the provisions of the Smith-Lever Act and supplementary act, \$1,007,264 through direct appropriation to the department for farmers' cooperative demonstration work, and \$209,541 through funds appropriated to the different bureaus of the department for extension work, making a total contributed by the Federal Government of \$6,727,154. The remaining \$10,454,596 was derived from sources within the States, including \$4,715,382 appropriated by the State legislatures or allotted by the agricultural colleges, \$4,685,415 provided by county authorities, and \$1,053,799 derived from other miscellaneous sources within the counties.

More than half of the total funds appropriated, or \$8,946,340, was spent for county agricultural agent work, \$2,400,790 for home demonstration work, \$1,054,389 for boys' and girls' club work,



\$1,159,074 for administration, and \$408,983 for printing and distribution of publications. In addition \$3,212,174 was spent for the salary and expense of State subject-matter specialists to assist the county agents in the more difficult problems of agriculture and home making and in introducing improved methods of conducting extension work. Of this sum, \$906,118 was spent for livestock improvement, \$1,000,297 for crop improvement, \$128,178 for agricultural engineering work, \$152,624 for farm management work, \$225,505 for the improvement of marketing conditions, \$470,378 for home economics work, \$134,512 for extension schools, and \$194,562 for other subject-matter extension specialists.

### LINES OF WORK.

Extension agents throughout the country meet a large variety of demands for assistance in solving problems arising in the activities of the farm and farm home. Of the 2,209 reports of county agricultural agents received, 1,200 or more indicated some work in connection with the following topics: Corn, fertilizers, orchards, poultry, securing purebred sires, improving rations for livestock, remodeling or construction of farm buildings, and aiding of farmers with reference to buying and selling farm produce and supplies. Between 800 and 1,200 of the reports indicated extension activities in connection with wheat, oats, potatoes, alfalfa, soybeans, clover, securing registered beef cattle, modification of cropping systems, and improvement of home grounds. Of the 902 home demonstration agents reporting, 400 reported work carried on in connection with canning, gardening, clothing, fireless cookers, rearrangement of kitchens, hot school lunches, and poultry, showing these to be leading lines of extension activity during the year.

### RESULTS.

*County agent work.*—The number of counties with county agricultural agents increased from 2,043 in 1921 to 2,124 in 1922, and the number of demonstrations reported in 1922 was 276,455 or 125 per agent. The reports of the county agricultural agents show that during 1922, 2,500,000 persons modified their method of growing crops or caring for their livestock as a result of extension work.

*Home demonstration work.*—The number of counties with home demonstration agents increased from 699 in 1921 to 801 in 1922, and the number of demonstrations reported in 1922 was 251,295 or 278 per agent reporting. The number of new or improved home practices reported as adopted was 836,878.

*Boys' and girls' club work.*—Similarly, the work with boys and girls showed that it increased in efficiency in 1922. The total enrollment of boys and girls, which was approximately 500,000 in 1921, increased to 600,000 in 1922. The number of boys and girls completing the club requirements in 1922 was 358,000 or 60 per cent of the total. The value of their products amounted to nearly \$9,000,000.

### CROP PRODUCTION.

The total number of demonstrations relating to crops in 1922 was 158,208, and the number of farmers adopting improved crop practices was 1,293,999.

In 1922, seed corn of high-yielding quality was secured on 27,316 farms, seed wheat on 24,278, seed oats on 14,392, seed cotton on 27,198, and seed potatoes on 43,351. This means that in an average county with a county agricultural agent, 23 farmers obtained improved seed corn; 25, wheat; 20, oats; 63, cotton; and 45, seed potatoes.

*Corn.*—One of the principal types of demonstrations dealt with corn. The number of demonstrations in corn production increased from 9,800 in 1921 to 13,150 in 1922. Through the influence of these demonstrations, 27,316 farmers purchased 120,000 bushels of improved seed corn, and 48,000 farmers tested 170,000 bushels before planting. In the fall, 108,000 farmers selected their own seed corn, amounting to 570,000 bushels, and 6,875 farmers produced 325,000 bushels of improved seed corn for sale. The work of agents during the year influenced 270,000 farmers to follow improved methods of corn production.

In addition, 33,130 boys were enrolled in corn clubs, of whom 16,340 completed the work. Aside from the convincing demonstration offered by the 23,000 acres of corn grown, the club members themselves were trained in better farm practices and were encouraged to look forward to better farming as a promising means of livelihood. In estimating the results of club work, not only the crops that are grown but the fact that club members soon become farmers or farmers' wives must be taken into account.

*Wheat.*—The results of extension work with wheat were similar to results with corn. The number of demonstrations in wheat growing increased from 5,100 in 1921 to 7,468 in 1922. Farmers treated 1,235,000 bushels of seed wheat for smut. Through extension influence, 24,000 farmers purchased 607,000 bushels of high-yielding seed wheat, while 7,875 farmers offered for sale 1,385,000 bushels of improved seed which they had grown.

In the wheat-producing areas, campaigns were instituted to clear the land of grasshoppers and other insect pests, in which 69,000 farmers cooperated, clearing 2,700,000 acres of such pests.

*Oats.*—In work relating to oats, 830 county agents reported that 5,519 demonstrations were completed by farmers during 1922. This is an increase of 719 over 1921. Through extension influence, farmers treated 750,000 bushels of oats for smut prevention. There were 3,850 farmers reported as producing 780,000 bushels of improved seed for sale, and 14,400 farmers as purchasing 385,000 bushels. Improved methods in growing oats were adopted by 70,000 farmers as a result of extension influence.

Comparable results were obtained in work with barley and rye, and extension agents aided in the introduction and successful growing of a number of field crops, such as sunflowers, kafir, sorghum, and feterita.

*Cotton.*—During 1922, 11,300 cotton-production demonstrations were carried on, as contrasted with 4,100 during 1921. These demonstrations were observed by 38,250 farmers, who put the improved methods demonstrated into practice on more than 615,000 acres.

Extension influence caused 10,500 farmers to select seed from the best plants in their fields as seed stock for the next year, 8,250 farmers to plant selected seed on 195,000 acres, 4,025 farmers to produce for sale 11,230,000 pounds of improved seed cotton, and 27,000 farmers to purchase 8,350,000 pounds of improved seed. In addition,



extension agents enrolled 4,115 farm boys in the junior cotton clubs. Of these, 1,820 reported the value of crops from their 3,390 acres as \$137,000.

*Hay and forage.*—Next to corn, hay is one of the more universally grown crops. Farmers generally continued to be interested in the introduction and growing of legumes and better varieties of hay and forage. During the year, 4,665 cooperative alfalfa demonstrations were conducted, 8,085 soybean demonstrations; 2,085 velvet-bean demonstrations, 4,105 cowpea demonstrations; 1,325 crimson-clover demonstrations; and 3,835 sweet-clover demonstrations. As a result of these activities, 38,300 farmers either grew alfalfa for the first time or improved their methods; 56,880, soybeans; 16,375, velvet beans; 23,400, cowpeas; 10,840, crimson clover; and 20,250, sweet clover. Approximately 250,000 farmers were reported as modifying their practices in growing legumes or other forage crops.

*Potatoes.*—County agents aided farmers in improving the quality of their seed potatoes, and making good seed available for planting. In 1922, 7,880 farmers produced 2,260,000 bushels of improved seed potatoes for sale, and 43,350 farmers purchased 922,000 bushels of such seed to plant.

During the year, 935 county agents conducted 11,600 demonstrations in improved methods of treating seed, spraying and growing potatoes, with the result that farmers planted 236,000 acres with treated seed and sprayed 153,000 acres. Through extension influence, 141,000 farmers either began growing potatoes or improved their practices in potato growing. Five hundred and fifteen agents reported that they conducted 5,812 sweet-potato demonstrations, and that 19,500 farmers improved their methods of sweet-potato culture.

*Soils and fertilizers.*—County agents reported that they conducted 15,235 fertilizer demonstrations and that 213,100 farmers followed their advice regarding the use of commercial fertilizer in maintaining and building up soil fertility, or as to the most economical and effective means of application. Lime demonstrations numbering 4,035 were held, with the result that 48,000 farmers used 630,000 tons of lime according to the methods advocated by the agents. In addition, in order to maintain and improve the soil conditions, 3,750 drainage systems, involving 575,000 acres, and 29,000 pieces of terracing, involving 545,000 acres, were carried out according to the methods outlined by the extension forces.

*Orchards.*—In 1922, farmers cooperated with extension agents in 19,000 demonstrations of improved methods of pruning and spraying orchards. More than 37,000 farmers were reported as spraying trees on 296,000 acres, and 40,300 farmers as pruning trees on 214,000 acres according to the methods demonstrated.

#### ANIMAL PRODUCTION.

The number of demonstrations with livestock, including dairy and beef cattle, sheep, and swine, carried on by farmers and farm women in cooperation with extension agents increased from 21,700 in 1921 to 66,000 in 1922. The number of demonstrations with poultry increased from 31,200 to 59,833.

*Better sires.*—The introduction of better stock, particularly of purebred sires, was stressed in 1922. Extension agents influenced



farmers to secure 7,800 purebred dairy bulls, 15,000 purebred dairy cows, 7,500 purebred beef bulls, 6,700 purebred beef cows, 14,900 purebred boars, 40,750 purebred sows, 3,300 purebred rams, and 6,200 purebred ewes.

The "Better Sires—Better Stock" campaign, started in 1919 by the Bureau of Animal Industry in cooperation with extension workers, continued to show progress. On December 31, 1922, there were 8,925 farmers who enrolled 150,000 cattle, 105,000 sheep, 87,000 swine, and 18,000 horses. In the campaign, 720,000 head of standard poultry were also enrolled.

Activities in connection with the organization of cooperative bull associations were continued, with the result that there were during the past year 190 of these associations in active operation with a membership of 6,102 farmers using 857 purebred bulls in herds composed of 7,123 purebred cows and 33,546 other cows.

*Club work with livestock.*—The boys and girls continued their interest in the livestock-improvement program, with the result that nearly 60,000 club members were enrolled in pig clubs, more than 10,000 in dairy clubs, and more than 5,000 in beef clubs. The work with swine shows how boys' and girls' club work was used to bring to the attention of farmers better practices in swine production. In the pig clubs organized for pork production or breeding purposes, 24,648 members reported raising 45,629 head of purebred stock. In the sow and litter clubs, 7,751 boys reported growing 49,507 head of purebred stock.

*Cow-testing associations.*—In dealing with dairy production, the organization of farmers into cow-testing associations to secure a more profitable output continued to prove most effective. The popularity and effectiveness of this form of extension work is better realized in the light of reports for 1922, which show an increase of more than 50 associations during the year. At the end of the year there were 513 active associations with a membership of 12,508 farmers and 216,875 cows.

*Feeding.*—Since the larger part of the crops produced on our farms is fed to livestock, farmers welcome suggestions looking toward the more profitable use of such crops. Farmers cooperated with 1,000 agents and were influenced to change methods of feeding beef and dairy cattle. Seven hundred and eight county agents reported that they carried on demonstrations in feeding swine on 21,000 farms, and 27,600 farmers adopted new methods of hog feeding.

*Disease control.*—The average annual loss of livestock from diseases and exposure amounts to from 2,500,000 to 3,000,000 head. The magnitude of this figure indicates the need of the farmer for extension aid in solving this problem.

Assistance was rendered by extension agents in cooperation with local veterinarians and Federal and State authorities in effecting the control of livestock diseases. In 1922, 1,530,000 head of cattle were tested for tuberculosis, 440,000 head of cattle were vaccinated to prevent blackleg, and 980,000 hogs were immunized against cholera. During 1922, more than 4,000,000 animals were tested or treated in disease eradication or control upon the advice of extension agents or as a result of previous demonstrations. This is an increase of more than 50,000 over 1921.

*Poultry*—The work with poultry continues to be one of the most popular lines of extension work, and reports from 2,220 agents show that such work was carried on in more than 16,000 communities. Altogether, more than 59,000 demonstrations were given during 1922, and more than 300,000 families put into effect better poultry practices under the direction of the extension agents, as contrasted with 31,000 demonstrations held, and 260,000 families influenced in 1921. As a part of the poultry work, 55,000 farmers are reported as culling 3,600,000 chickens, of which 1,025,000 were eliminated as unprofitable, representing a saving by elimination of approximately \$700,000.

The club work with poultry is another striking example of the possibility of improving poultry practices through the agency of boys' and girls' club work. In 1922, 80,000 club members were enrolled, of whom 44,675 reported having grown 942,156 birds according to methods advocated by extension agents.

#### RODENT-PEST CONTROL.

In the Rocky Mountain States, and those bordering on them, farmers have suffered large losses because of destruction of crops and range grasses by certain rodents. In 1922, 105,000 farmers and stockmen joined in an organized effort to control these pests and 2,016,000 pounds of poison bait were used over an area of 17,678,000 acres of first-treatment work, and more than 8,000,000 acres which were treated again to complete eradication.

#### FARM BUSINESS.

During the past year, the county agents have been active in aiding farmers to readjust their farm enterprises along more profitable lines. During the year, county agents distributed 43,000 record books, and aided 20,000 farmers in analyzing their records and in keeping cost accounts of farm enterprises. As a result of the work with the record books and a general survey of the farms, 36,000 farmers changed their crop and livestock systems.

Aiding the farmer in organizing various associations for buying farm supplies and selling their products continues to be one of the popular activities of the agents. The amount of business transacted by associations and individuals to whom county agricultural agents gave information and helpful suggestions during 1922 or in previous years, was \$255,000,000, with a saving to the farmers of approximately \$17,550,000. This saving is sufficient to pay for the entire cost of salaries and expenses of the county extension agents and their supervising officers.

#### FARM-HOME ACTIVITIES.

*Farm homes*.—According to reports received from 902 home demonstration agents, 410,000 women enrolled as demonstrators in the various home projects during 1922, of whom 251,000 completed their work. This is an increase of 160,000 in the number of demonstrators. More than 924,000 women were also reported as modifying their home practices as a result of extension influence.

*Food*.—The number of demonstrations in gardening in 1922 was 27,000, and 200,000 farm gardens were established or practices



modified. The records also show continued interest in the establishment of the home orchard in order to provide the farm family with plenty of fruit for its diet. The interest in conserving fruit, vegetables, and meat continued, with the result that 14,000,000 quarts of fruit and vegetables were preserved in 1922, as compared with 9,545,000 quarts in 1921. In addition, 1,402,371 pounds of sausage, 12,000,000 pounds of pork, 2,000,000 pounds of lard, and 940,000 pounds of beef were put up according to the methods advocated by the extension agents.

Seventy-eight thousand boys and girls were enrolled in food-preservation clubs, of which number 47,000 completed their work and reported 3,000,000 quarts of fruits and vegetables preserved. In garden clubs, 71,200 boys and girls were enrolled, with 45,400 completing. Garden products raised were valued at \$470,000. Thirty-six thousand girls and boys were enrolled in baking clubs, and the 23,800 completing reported making 416,000 loaves of bread.

The use of milk in the diet of the farm family continues to be of primary importance. In 1922, 5,200 schools introduced hot lunches or milk, with the result that 300,000 school children were benefited.

In order to add to the income of farm women, home demonstration agents gave instruction to 36,200 farm women in improved methods of caring for dairy products, with the result that 3,200,000 pounds of butter were made according to instructions, of which 1,260,000 pounds were sold at a price considerably above that received for ordinary country butter. In addition 500,000 gallons of cream and 2,200,000 gallons of sweet milk and buttermilk were disposed of at satisfactory prices.

*Clothing.*—The work with clothing continues to be one of the popular projects which are being adopted by farm women. During 1922, 50,000 women and 78,700 girls cooperated with home demonstration agents in conducting demonstrations in making and remodeling clothing, with the result that 235,000 women and girls adopted new or improved practices in designing, selection of materials, and other phases of garment making. The reports indicate that 650,000 garments were made or remodeled according to the instructions of home demonstration agents.

*Household management.*—Extension work not only aids farm women in selecting foods and clothing, but also helps them to reorganize or equip their homes so that they can conduct their work with the least expenditure of energy and in surroundings that will contribute to greater happiness and health. During 1922, an increasing demand was made on the time of extension agents for assistance in planning improvements of the home and its surroundings. As a result, 16,782 demonstrations were conducted, and the methods demonstrated were adopted in the building or remodeling of 5,769 farm homes, the arrangement of 10,138 kitchens, the installation of 1,766 water systems, the purchasing of 1,887 washing machines and 1,426 pressure cookers, the screening of 13,433 homes, the installation of 901 septic tanks and 2,316 lighting systems, and the improvement of the exterior surroundings of 561 farm homes.

#### WORK WITH NEGROES.

During 1922, 28,140 demonstrations in improved crop and livestock production by negro farmers and 56,484 demonstrations in



home making by negro farm women, were carried out with the assistance of negro extension agents and cooperating white agents. There were also nearly 80,000 negro farm boys and girls enrolled in farm and home-making activities, the value of the products being \$557,983.

More than 14,600 negro farmers conducted demonstrations on 105,896 acres of land, under the supervision of extension agents, the demonstrations dealing principally with corn, cotton, wheat, oats, cowpeas, peanuts, potatoes, sweet potatoes, and tomatoes. There were 11,919 negro boys enrolled in crop clubs, and 5,554 in livestock clubs. The total value of the crops and livestock produced aggregated \$362,819.

The reports indicate that 8,375 poultry demonstrations were conducted, 1,683 purebred flocks established, 620 family cows secured, 5,812 farm homes remodeled or improved, and 13,218 homes screened against flies and mosquitoes. In a large number of instances, the homes were improved by establishing sanitary privies and septic tanks, and planting trees, shrubs, and flowers. Treatment for the common animal diseases was given to 1,955 head of cattle, 23,753 swine, and 686 horses owned by negro farmers. Under extension influence, 27,056 home gardens were planted, 7,466 farmers were induced to plant cover crops for soiling purposes, and 1,567 farmers established new pastures for livestock.

Negro farm women and girls were organized into 1,136 women's clubs with an enrollment of 18,658, and 1,767 girls' clubs with an enrollment of 24,098. Through these organizations, 13,978 garden demonstrations and 19,337 canning demonstrations were given. The total number of containers of fruit and vegetables canned was 1,592,293, and 1,669,548 pounds of meat were cured or canned. Nearly 8,700 farm or home conveniences were introduced into negro farm homes.

On the whole, the work with negroes during 1922 showed considerable progress and indicated that it is filling a long-felt need among negro farming people.

#### FARMERS' INSTITUTES.

During the fiscal year ended June 30, 1922, the extension divisions of the State agricultural colleges in 16 States conducted 2,614 farmers' institutes which lasted 3,580 days, comprising 7,791 sessions, with an attendance of 1,099,308. There were employed 734 lecturers, 340 of whom were regular employees of the extension staff, and 394 from outside sources. These institutes cost \$134,306.01, of which sum the States appropriated \$94,575.35. The remainder, \$39,730.66, was contributed from other sources, mostly by the farmers themselves. These figures show an increase over the previous year of 1,117 in the number of sessions, and 353,651 in the attendance.

The State departments of agriculture in seven States conducted 910 farmers' institutes lasting 1,245 days and attended by 479,564 farmers. These institutes employed 392 lecturers and cost \$35,437.05.

Detailed information regarding farmers' institutes conducted by extension divisions and the State departments of agriculture in the several States is contained in the tables on page 10.

## SUMMARY.

Substantial and consistent progress in serving the interests of the American farm family was made in 1922, through the cooperative extension work of the United States Department of Agriculture and the State agricultural colleges. Profitable farm production was developed through extension contacts with 2,500,000 farmers; living conditions in nearly 1,000,000 farm homes were made increasingly satisfying; and 600,000 farm boys and girls were enlisted, through club work, in active enthusiastic participation in productive farm and home activities. The influence of the work, generally, was much extended through the increased effort given by extension agents to securing the cooperation of all members of the farm family in planning local programs of extension work, and to obtaining the development of active local leadership in carrying out such programs to completion.

Notwithstanding the tendency throughout the country toward economy in the expenditure of public funds, the number of workers engaged in every line of extension work increased, some 5,500 workers being employed in the work as a whole, the total funds expended for the purpose amounting to \$17,181,750 from Federal, State, and local sources. The fact that, of about 2,800 counties in the United States having sufficient agriculture to employ a county extension agent, 2,124 now employ county agricultural agents, indicates how well established their work has become as a recognized agency for developing profitable farm production. In consequence, extension leaders are concentrating on the problem of extending the influence of the organization and its personnel. Methods of extension teaching are being carefully studied, and much attention is being given to the training of extension agents both before taking up the work and during service. Local leadership is being increasingly developed, and the 975 home demonstration agents, alone, developed a body of some 25,000 capable volunteer leaders to carry on their activities in 1922. In the work with farm boys and girls, particularly, extension agents made marked progress. During 1922 the membership increased and the percentage of those who completed the work was notably large, some 358,000 reports, meeting all requirements, being submitted to extension agents by club members. In many sections also, through concentrating on certain limited lines of work in every locality and through increasing the size of the demonstration carried on by the boy or the girl, club work had a marked influence in obtaining the general adoption of improved farm and home practices in those communities where the plan was adopted. The value of the products of boys' and girls' club work was reported as nearly \$9,000,000 in 1922.

Appreciation of the service rendered by extension agents was shown by the contribution of \$5,739,214 by local communities and counties as a supplement to Federal and State appropriations for the work. Unquestionably, cooperative extension work in 1922 made a substantial and much appreciated contribution to profitable farm production and the improvement of farm-life conditions. Based on the results of 1922 and previous years, the outlook of the work for extended usefulness in practical service rendered to American farm families, and through them to American citizenship generally, is most assuring.



## STATISTICS.

TABLE 1.—*Farmers' institutes conducted by the extension division of State agricultural colleges, year ended June 30, 1922.*

State.	Num-ber of in-sti-tutes.	Total number of days of in-sti-tutes.	Total number of ses-sions.	Total at-tend-ance.	Number of lecturers.			Amount of State ap-pro-pria-tion used for in-sti-tutes.	Other funds used.
					From ex-ten-sion staff.	From out-side sources.	Total number of lec-turers.		
Arizona.....	5	5	18	1, 160	11	12	23	\$251. 55	\$233. 65
Connecticut.....	44	54	110	1, 934	17	-----	17	682. 16	-----
Georgia.....	46	46	46	5, 500	5	7	12	2, 250. 00	-----
Idaho.....	68	91	256	32, 737	31	102	133	3, 878. 99	-----
Indiana.....	472	594	1, 227	191, 606	17	30	47	7, 639. 84	11, 214. 48
Iowa.....	41	155	239	70, 537	27	-----	27	61. 74	877. 53
Kansas.....	30	49	86	14, 608	15	7	22	7, 735. 24	-----
Louisiana.....	609	600	882	56, 406	100	20	120	-----	-----
Minnesota.....	105	107	184	17, 185	-----	6	6	3, 552. 26	-----
New York.....	262	263	733	30, 701	6	12	18	17, 235. 03	-----
Ohio.....	547	1, 002	2, 555	520, 943	7	39	46	14, 185. 00	27, 405. 00
Tennessee.....	3	9	18	4, 100	10	132	142	3, 000. 00	-----
Utah.....	30	-----	136	9, 150	6	-----	6	-----	-----
Virginia.....	1	2	5	478	4	9	13	-----	-----
West Virginia.....	115	116	252	10, 837	3	3	6	13, 186. 02	-----
Wisconsin.....	245	487	1, 044	131, 426	81	15	96	20, 917. 52	-----
Total, 1922.....	2, 614	3, 580	7, 791	1, 099, 308	340	394	734	94, 575. 35	39, 730. 66
1921.....	2, 810	3, 844	6, 674	745, 657	279	277	556	70, 062. 59	13, 390. 92
1920.....	7, 154	7, 581	27, 359	1, 795, 497	386	342	728	96, 773. 88	42, 607. 76
1919.....	2, 625	3, 059	6, 356	691, 763	267	228	505	86, 167. 49	23, 106. 98
1918.....	4, 571	4, 326	9, 640	1, 053, 082	401	796	1, 178	95, 032. 28	34, 384. 49
1917.....	3, 958	5, 471	11, 348	1, 389, 553	477	489	966	132, 290. 55	84, 186. 46
1916.....	4, 707	5, 935	12, 461	1, 504, 876	343	609	952	153, 572. 22	37, 601. 55
1915.....	4, 552	4, 799	9, 074	1, 039, 501	277	2, 422	2, 608	129, 811. 78	21, 062. 45

No institutes held in Arkansas, California, Colorado, Florida, Maryland, Michigan, Nebraska, Nevada, New Mexico, North Carolina, Oklahoma, Oregon, South Carolina, South Dakota, Washington, and Wyoming. No reports received from Mississippi and Montana.

TABLE 2.—*Farmers' institutes conducted by the State departments of agriculture, year ended June 30, 1922.*

State.	Num-ber of in-sti-tutes.	Total number of days of in-sti-tutes.	Total number of ses-sions.	Total at-tend-ance.	Number of lecturers.			Amount of State ap-pro-pria-tion used for in-sti-tutes.	Other funds used.
					From official State in-sti-tute staff.	From agricul-tural college or ex-peri-ment station staff.	Total number of lec-turers.		
Illinois.....	231	372	1, 086	174, 786	136	52	188	-----	-----
Iowa.....	70	214	451	64, 685	-----	67	67	\$3, 533. 50	\$309. 80
Maine.....	100	150	175	8, 750	20	-----	20	2, 300. 00	-----
Missouri.....	347	347	695	199, 084	5	7	12	18, 500. 00	-----
New Jersey.....	41	41	65	8, 283	46	22	68	1, 521. 86	-----
North Dakota.....	103	103	184	22, 326	19	2	21	9, 000. 00	-----
Rhode Island.....	18	18	18	1, 650	12	4	16	271. 89	-----
Total, 1922.....	910	1, 245	2, 674	479, 564	238	154	392	35, 127. 25	309. 80
1921.....	1, 866	2, 309	3, 828	517, 182	316	265	581	174, 884. 87	9, 312. 46
1920.....	2, 991	3, 150	4, 651	528, 177	412	265	677	157, 888. 65	7, 112. 36
1919.....	1, 917	2, 622	3, 732	576, 331	266	170	540	87, 546. 60	7, 069. 91
1918.....	2, 370	2, 858	4, 806	863, 624	284	146	815	89, 430. 96	41, 978. 36
1917.....	3, 034	3, 965	7, 504	997, 377	253	177	454	120, 006. 11	43, 588. 81
1916.....	4, 485	4, 851	9, 225	1, 111, 577	419	225	644	127, 459. 87	51, 786. 72
1915.....	4, 508	5, 791	12, 167	1, 785, 215	259	196	516	208, 175. 56	44, 026. 61

No institutes held in Alabama, Delaware, Kentucky, Massachusetts, New Hampshire, Pennsylvania, and Texas. No report received from Vermont.



TABLE 3.—Expenditures for cooperative agricultural extension work for the year ended June 30, 1922, by items of expense.

EXPENDITURES FROM THE UNITED STATES APPROPRIATION OF MAY 8, 1914 (FEDERAL SMITH-LEVER).

State.	Amount of appropriation.	Salary.	Labor.	Publications.	Stationery and small printing.	Postage, telegraph, phone, freight, and express.	Heat, light, water, and power.	Supplies.	Library.	Tools, machinery, and appliances.	Furniture and fixtures.	Scientific apparatus and specimens.	Live stock.	Traveling expenses.	Contingent expenses.	Unexpended balance.
Alabama.....	\$192,468.40	\$151,485.70	\$564.23	\$800.27	\$5,557.77	\$2,646.58	\$151.74	\$410.52	\$304.53	\$67.93	\$2,340.85	\$147.68		\$27,951.35	39.25	
Arizona.....	31,496.71	25,557.04	69.25	231.90	307.33	540.68		110.45	3.41	5.86	281.74			4,383.05	6.00	
Arkansas.....	155,044.10	71,818.10	621.05	3,607.15	2,357.85	2,681.62	82.11	968.11	160.27	27.92	1,063.73	101.50		67,831.94	3,720.25	\$102.50
California.....	118,669.16	88,156.41	275.15		2,008.82	1,131.50		233.58	52.66	1.47	63.00	1.85		26,744.72		
Colorado.....	58,262.12	46,287.94	102.60	1,037.80	1,512.21	438.17		82.75	1.50	42.60	629.69			8,109.13	17.73	
Connecticut.....	54,086.75	43,840.63	80.65											10,165.47		
Delaware.....	20,144.81	13,278.12	156.91	500.00	351.72	295.50		240.86	23.08	4.00	110.03	4.50		5,173.09	7.00	
Florida.....	70,792.31	44,391.33	35.15	5,792.79	1,316.81	832.58		494.12	46.53	106.65	2,480.33	785.12		13,807.01	18.73	685.16
Georgia.....	225,126.27	191,850.03	348.63		451.47	320.89		1,386.44			63.50	13.67		30,691.64		
Idaho.....	41,041.76	34,292.51	15.00	1,169.40	410.55	51.33		20.39	6.00					5,076.58		
Illinois.....	216,357.32	184,848.26	536.40	3,830.94	2,939.04	1,289.62		174.19	77.47	4.08	1,329.97	188.45		21,118.90	20.00	
Indiana.....	153,637.82	132,464.52	133.65	2,357.92	1,648.36	689.81		145.62	3.50	116.00	108.70	2.42		15,907.32		
Iowa.....	161,674.41	152,999.16	3,583.40											5,091.85		
Kansas.....	124,241.94	96,641.37	1,702.29	4,492.99	3,377.88	580.00		332.71	11.05	85.82	800.27	25.48		16,184.83	7.25	
Kentucky.....	186,934.30	68,201.88	3,064.27	3,922.63	3,363.06	1,816.33	2,700.00	1,779.27	113.88	34.38	972.20	35.94		98,484.31	446.15	
Louisiana.....	126,132.51	120,467.41	69.40	3,173.21	22.00	388.73		892.09		124.63	79.80			915.24		
Maine.....	56,483.44	37,673.76	43.62		2,181.19	250.60		55.55	35.94	19.79	196.21	155.00		15,870.03	1.75	
Maryland.....	67,576.65	60,126.48			1,048.57	122.78	360.00	206.48	22.67	18.50	894.19	13.85		4,004.36		
Massachusetts.....	30,055.04	28,853.65	550.00	208.77							10.61			324.66		
Michigan.....	151,885.39	150,094.92	3.20		67.33	58.49								1,487.27		
Minnesota.....	142,523.81	117,231.74		2,458.28	1,169.94	152.82		61.26	7.20	4.50				21,436.28	.79	
Mississippi.....	163,854.56	113,871.62	1,337.33	1,010.96	1,682.10	2,198.37	770.44	713.56	41.88	301.71	1,014.01	36.16		40,450.99	425.43	
Missouri.....	190,314.58	158,187.36	2,250.40	1,121.31	2,312.65	921.09		304.22	5.00	21.05	149.72	117.02		24,912.96	11.80	
Montana.....	47,397.29	45,206.53	75.25	1,381.49	242.54	18.46		4.80						463.22		
Nebraska.....	98,419.82	85,518.59		2,576.42	238.00	184.71		144.66	11.52	37.26	668.78	37.80		8,994.19	7.89	
Nevada.....	16,167.33	15,155.67	16.00	6.91	350.18	96.39		42.66	35.34	43.85	127.42	61.50		231.41		
New Hampshire.....	26,206.37	17,860.50	229.34	943.49	1,028.78	656.90	300.00	198.14	39.86	2.92	310.90			4,633.90	1.74	
New Jersey.....	76,841.93	53,884.01	311.22	2,826.76	2,469.32	677.49	710.00	916.75	29.13	178.13	867.79	247.46		13,619.37	104.50	
New Mexico.....	39,311.33	28,634.98	389.03	458.15	1,742.66	583.56	.40	38.10	100.78	26.15	827.61	21.59		6,485.32	3.00	
New York.....	188,154.43	146,790.08	507.92	5,168.92	2,722.85	2,033.79		1,138.48	128.92	378.48	1,622.36	418.27		26,395.55	440.79	848.59
North Carolina.....	215,250.72	151,245.28	206.35	5,985.05	2,952.26	2,041.89	20.35	536.00	25.98	105.11	2,431.09	12.02		49,278.05		
North Dakota.....	65,433.23	49,951.95	251.50	1,175.51	2,082.70	945.55	220.72	761.80	8.19		878.66	47.00		9,105.81	3.84	
Ohio.....	216,620.89	175,157.37	3,352.02	8,548.80	4,548.69	1,926.69		1,846.87	23.25	66.00	756.22	27.40		20,153.62	8.00	84.96
Oklahoma.....	157,732.72	116,218.81	114.92	3,778.78	4,548.80	1,926.83		237.65	24.88	32.75	1,924.23	102.10		25,010.13	6.82	3,806.02
Oregon.....	48,934.62	27,393.83	99.90		2,053.91	613.18	4.50	97.14	3.15	304.72	207.31	65.32		17,265.76	34.00	
Pennsylvania.....	318,821.42	232,511.08	1,861.30	2,449.46	4,828.64	1,581.14	1,050.00	307.08	13.05	29.57	646.83	66.06	\$68.29	42,719.39	183.30	30,506.23
Rhode Island.....	11,510.00	9,091.62		590.00	200.44	23.22		26.01	23.23	16.00		5.31		1,534.17		

TABLE 3.—Expenditures for cooperative agricultural extension work for the year ended June 30, 1922, by items of expense—Continued.

EXPENDITURES FROM THE UNITED STATES APPROPRIATION OF MAY 8, 1914 (FEDERAL SMITH-LEVER)—Continued.

State.	Amount of appropriation.	Salary.	Labor.	Publications.	Stationery and small printing.	Postage, telegraph, phone, freight, and express.	Heat, light, water, and power.	Supplies.	Library.	Tools, machinery, and appliances.	Furniture and fixtures.	Scientific apparatus and specimens.	Living stock.	Traveling expenses.	Continuing expenses.	Unexpended balance.
South Carolina...	\$147,902.57	\$117,331.69	\$66.20	\$3,484.28	\$710.82	\$7.15	\$600.00	\$586.85	\$35.06		\$1,057.32	\$92.35		\$23,820.25	\$110.60	
South Dakota...	63,055.40	47,411.80	495.00	4.50	1.85	328.72		75.33	1.55	\$1.00	1.90	9.40		14,720.35	4.00	
Tennessee...	181,335.10	107,399.11	2,099.21	6,544.11	5,820.11	1,998.20	830.08	799.50	291.09	118.76	1,142.09	37.50		37,915.69	357.93	\$15,981.72
Texas...	322,625.52	179,441.75		7,628.30	3,391.36	2,902.67		738.93	173.16		2,199.69	77.43		107,276.86	1,140.00	17,635.37
Utah...	33,200.92	26,443.82	938.30	904.52	450.00	167.75		69.41	65.02		63.75			4,083.35	15.00	
Vermont...	34,058.33	26,465.91	344.26		970.55	524.38		280.78	93.72		166.42	266.00		4,945.71	60	
Virginia...	172,259.96	134,478.52	519.23	2,884.99	5,863.30	2,381.96	114.32	1,113.76	123.49	38.24	1,910.59	490.07		22,324.29	17.20	
Washington...	70,320.05	47,209.58	2,260.43	2,198.51	4,979.44	654.38		572.92	101.76	120.32	1,170.95			11,039.76	12.00	
West Virginia...	118,625.71	99,662.95	18.10	2,855.71	810.76	1.48		270.90	11.50		515.27			14,479.04		
Wisconsin...	147,680.42	142,086.23		5,594.19												
Wyoming...	23,599.76	19,403.65	767.35		20.62	36.21		49.81	6.03			2.00		3,314.09		
Total,	5,580,000.00	4,234,575.25	30,466.41	107,237.37	86,991.23	40,165.09	7,914.66	19,486.50	2,286.23	2,486.15	32,145.73	3,715.22	\$68.29	935,937.26	7,174.06	69,650.55
1921	5,079,999.05	3,692,161.05	35,256.40	96,897.63	94,714.38	47,829.09	6,269.91	21,056.12	2,222.68	4,381.91	38,887.11	5,093.99		920,621.97	8,656.26	105,950.55
1920	4,512,765.63	3,160,490.18	49,783.32	113,311.71	104,688.53	42,254.14	4,614.66	22,408.87	3,484.66	3,523.37	35,333.55	6,354.39		911,947.11	6,149.87	48,421.27
1919	2,580,000.00	1,616,999.04	43,721.91	105,120.93	108,345.27	43,054.00	2,618.28	25,821.56	5,232.20	5,794.77	74,579.72	5,950.63	98.20	496,439.74	5,051.79	41,171.96
1918	2,080,000.00	1,343,296.39	38,250.66	76,910.28	85,141.13	39,627.12	2,412.57	24,514.89	1,484.19	4,732.47	51,659.81	3,556.80		394,431.91	1,998.07	11,933.71
1917	1,580,000.00	1,118,078.61	21,983.32	43,927.84	34,509.96	20,041.81	1,338.98	18,077.66	1,152.85	6,872.01	25,053.91	3,732.85	70.35	278,867.24	1,346.99	4,945.62
1916	1,080,000.00	738,584.75	16,580.89	27,867.77	25,745.46	12,154.06	968.63	15,117.88	1,303.33	9,205.45	24,425.78	4,417.19	52.75	201,084.45	415.34	2,076.27
1915	480,000.00	322,631.44	6,511.70	8,241.16	9,270.05	5,539.85	146.85	6,193.34	304.56	1,739.53	15,131.40	2,431.69	162.34	96,402.41	228.41	5,065.27

<sup>1</sup> South Carolina failed to meet the full allotment to that State by \$0.95.

<sup>2</sup> Pennsylvania unable to meet the full allotment to that State by \$67,234.37.



TABLE 4.—Expenditures for cooperative agricultural extension work for the year ended June 30, 1922, by items of expense.

EXPENDITURES FROM THE UNITED STATES APPROPRIATION OF MAY 8, 1914 (STATE SMITH-LEVER).

State.	Amount of appropriation.	Salary.	Labor.	Publications.	Stationery and small printing.	Postage, telegraph, phone, freight, and express.	Heat, light, water, and power.	Supplies.	Library.	Tools, machinery, and appliances.	Furniture and fixtures.	Scientific apparatus and specimens.	Live stock.	Traveling expenses.	Contingent expenses.	Unexpended balance.
Alabama	\$182,468.40	\$168,997.60	\$110.39		\$128.82	\$531.33		\$145.43	\$3.00		\$113.22			\$12,428.61	\$10.00	
Arizona	21,496.71	15,747.24	50.00		1,557.42	73.59		210.46		\$66.63	31.73	\$74.00		3,508.79	146.85	
Arkansas	145,044.10	139,481.03	53.33	\$589.98	2,080.04	64.00		39.13	113.60		233.99	1,302.00		656.81	357.69	\$102.50
California	108,669.16	107,531.77	1,137.39	1,407.09	1,402.26	402.68		132.36	8.00	39.85	909.85	60.95		7,683.59	18.10	
Colorado	48,262.12	36,064.13	133.26		214.92	304.35	\$500.00							10,639.19		
Connecticut	44,086.75	32,896.14	51.42	403.96	45.40	56.73		147.07		22.13	14.21	3.64		2,150.95	2.00	
Delaware	10,144.81	6,080.90	200.28		45.40	986.71					233.91	60.14		11,012.09		685.16
Florida	60,792.31	48,698.88		5,702.41	2,346.04	7.05	1,499.30	2,455.07	3.00	107.97	257.91			16,429.52		
Georgia	215,126.27	184,142.04	1,196.30	327.14	98.40									724.93		
Idaho	31,041.76	29,882.84	6.40													
Illinois	206,357.32	206,357.32														
Indiana	143,637.82	143,637.82														
Iowa	151,674.41	151,674.41														
Kansas	114,241.94	97,602.00	1,633.42	828.57	1,443.48	543.88		180.86	37.77	34.91	390.00	43.46		11,498.09	5.50	
Kentucky	176,934.30	176,934.30														
Louisiana	116,132.51	67,299.68	1,733.78	7,377.58	2,408.79	1,753.79	400.87	2,561.92	22.99	69.44	801.42	295.40		31,393.27	13.58	
Maine	46,483.44	29,146.53	86.66	1,203.14	799.08	194.43		153.64	146.24	50.53	334.59	8.50		14,360.10		
Maryland	57,576.65	49,521.10		1,726.22	534.07	390.69		40.33	19.59	3.56	52.81	14.80		5,273.48		
Massachusetts	20,055.04	20,055.04														
Michigan	141,585.39	140,033.28	201.05	36.57	6.71	8.00								1,299.78		
Minnesota	132,523.81	132,523.81														
Mississippi	153,854.56	137,784.95	176.73	2,318.81	38.40	229.42		3.90	3.00		105.02			13,193.33	1.00	
Missouri	180,314.58	142,620.65	504.50	2,951.47	1,527.98	551.29		483.23		12.05	109.58			31,553.83		
Montana	37,397.29	24,886.64	489.71	90.74	477.81	171.49		48.02	9.50	1.84	708.38			10,533.16		
Nebraska	88,419.33	76,537.32		1,840.31	163.59	790.63		183.50	13.27	94.73	203.28	43.03		8,526.66	23.50	
Nevada	6,167.33	1,374.99	75.24		183.08	269.20		96.40	30.72	15.75	146.02	143.23		3,826.75	5.95	
New Hampshire	16,206.37	13,089.00	80.85	151.00	553.46	79.90		6.26	1.08		405.66	9.00		1,830.16		
New Jersey	66,841.93	60,759.68	935.00		9.71	170.77	1.60	67.31	5.32	11.57	9.60	10.17		4,853.40	7.80	
New Mexico	29,311.33	17,257.37	150.55	696.14	94.69	327.52		116.36	97.48	3.80	190.92	362.50		10,005.35	8.65	
New York	178,154.43	174,805.84		2,500.00												848.59
North Carolina	205,280.72	172,954.90	338.27	6,488.42	1,635.34	1,160.07	94.39	876.88	160.67	986.01	4,631.68	444.63		15,479.46	30.00	
North Dakota	55,433.23	40,943.38	50.65	1,029.88	712.75	437.89	2,000.00	190.25	3.55		7.86	115.00		9,940.29	1.70	
Ohio	206,620.89	161,038.56	1,500.00		609.35	975.66		43.26			226.81			42,142.29		84.96
Oklahoma	147,732.72	124,706.22	1,562.56	5,354.19	1,115.09	29.70		83.58	.30	18.75	197.43	70.65		10,788.23		3,806.02
Oregon	38,934.62	38,934.62														
Pennsylvania	308,821.42	150,742.41	2,212.55	1,582.61	3,769.87	9,252.34	227.26	674.39	20.69	211.86	903.81	47.08		103,166.14	5,504.18	30,506.23
Rhode Island	1,510.00	10.67		40.00	257.15	102.51		48.20	8.75		649.64			393.08		



TABLE 4.—*Expenditures for cooperative agricultural extension work for the year ended June 30, 1922, by items of expense—Continued.*

EXPENDITURES FROM THE UNITED STATES APPROPRIATION OF MAY 8, 1914 (STATE SMITH-LEVER)—Continued.

State.	Amount of appropriation.	Salary.	Labor.	Publications.	Stationery and small printing.	Postage, telephone, freight, and express.	Heat, light, water, and power.	Supplies.	Library.	Tools, machinery, and appliances.	Furniture and fixtures.	Scientific apparatus and specimens.	Live stock.	Traveling expenses.	Contingent expenses.	Unexpended balance.
South Carolina	\$137,902.57	\$100,365.31	\$18.95	\$3,165.61	\$131.35	\$3,035.92	\$20.12	\$1,167.29	\$76.33	\$22.03	\$2,623.17	\$21.00		\$26,272.07	\$983.42	
South Dakota	53,055.40	43,367.66			4.65	85.32		118.49	4.40		4.50	.35		9,456.34	13.75	
Tennessee	171,335.10	145,972.85	143.25	4,107.13	3,264.93	166.62		126.89	71.48		239.62	1.71		1,254.09	4.84	\$15,981.72
Texas	312,625.52	241,671.05		6,905.84										46,413.26		17,635.37
Utah	23,200.92	22,716.33	79.70		123.79	48.09		11.20		3.00				178.81	40.00	
Vermont	24,058.33	21,067.90	277.85		65.73	77.49	360.00	312.09	6.05	.95	77.75			1,812.46		
Virginia	162,259.98	113,305.15	477.89	5,477.20		171.97								42,827.75		
Washington	60,320.05	31,541.81	1,021.59	398.22	3,648.92	2,092.54		800.82	6.20	31.72	642.63			20,135.60		
West Virginia	108,625.71	97,478.18	218.82	1,480.25	374.25	13.63		546.94	48.00		124.98			8,340.66		
Wisconsin	137,680.42	86,721.95	13.00	7,309.42	3,033.56	1,583.79	1.15	1,993.15	7.35	132.07	2,645.45	379.94		33,850.31	9.28	
Wyoming	13,599.76	10,323.00		794.86	782.51	318.92		101.06		2.67	73.58			1,203.10		
Total, 1922.	5,100,000.00	4,237,886.28	16,901.34	74,254.76	35,668.42	27,459.91	5,105.09	14,165.74	928.33	1,943.82	18,301.01	3,511.18		587,035.78	7,187.79	69,650.55
1 1921.	4,599,999.05	3,831,252.18	19,536.34	76,823.53	28,494.09	16,461.40	3,104.69	11,803.95	887.97	3,029.66	15,666.17	1,435.67		484,159.39	1,393.41	105,950.55
2 1920.	4,032,765.63	3,343,649.70	38,978.74	58,956.38	32,318.41	26,754.12	3,357.21	14,152.77	570.09	3,983.45	11,380.64	2,462.67		440,221.83	7,503.05	48,421.27
1919.	2,100,000.00	1,454,111.77	30,673.30	55,540.79	61,489.27	28,237.75	2,824.03	16,501.16	787.60	2,143.41	27,249.65	2,932.16		369,769.41	6,522.71	41,171.96
1918.	1,600,000.00	1,147,256.62	42,263.69	40,130.89	36,527.87	20,826.03	3,032.65	9,909.71	684.29	3,975.07	18,693.79	1,254.59		259,998.19	3,486.85	11,933.71
1917.	1,100,000.00	807,924.77	17,080.20	34,822.25	22,986.39	12,441.66	232.44	9,521.16	341.08	2,582.86	12,018.55	2,073.10		171,145.06	1,884.86	4,945.62
1916.	600,000.00	444,838.61	10,632.39	15,198.34	13,787.31	5,397.94	223.28	7,718.43	208.40	2,210.66	8,339.73	999.38		87,033.02	1,331.24	2,076.27

<sup>1</sup> South Carolina failed to meet the full allotment to that State by \$0.95.<sup>2</sup> Pennsylvania unable to meet the full allotment to that State by \$67,234.37.

TABLE 5.—Expenditures for cooperative agricultural extension work for the year ended June 30, 1922, by projects.

## EXPENDITURES FROM THE UNITED STATES APPROPRIATION OF MAY 8, 1914 (FEDERAL SMITH-LEVER).

State.	Total.	Adminis- tration.	Printing and distri- bution of publica- tions.	County agent work.	Home demonstra- tion work. <sup>1</sup>	Boys' club work.	Home economics specialists. <sup>2</sup>	Extension schools.	Animal husbandry.	Poultry.	Dairying.	Animal diseases.	Agronomy.
Alabama	\$192,468.40	\$14,016.01	\$800.27	\$124,795.50	\$30,529.82	\$5,587.87			\$5,004.51	\$178.29	\$1,000.08	\$600.00	\$1,892.66
Arizona	31,496.71	10,530.22	231.90	14,470.10	50.00	2,512.33				4,070.12	5,449.44		560.15
Arkansas	155,044.10	24,736.38	3,607.15	71,327.47	31,237.47		\$2,239.04	\$347.46		1,366.64			
California	118,669.16	4,656.11		93,225.61	9,120.86	6,684.79	2,044.63						
Colorado	58,262.12	10,070.15	1,037.80	29,762.10	2,871.50	7,581.30	165.09		3,634.03				977.61
Connecticut	54,086.75	4,462.23		7,484.33	3,104.75	2,716.00	7,441.22			4,183.68	5,064.89		3,579.84
Delaware	20,144.81	2,300.00	500.00	9,083.77	1,400.00	6,611.04		533.37					
Florida	70,792.31	15,276.82	5,792.79	29,810.40	2,479.88	8,600.46				2,579.68	3,347.79		
Georgia	225,126.27	14,728.48		133,934.20	32,796.68	7,300.32	7,449.79		3,839.20	2,702.58	2,614.98	912.25	6,962.71
Idaho	41,041.76	2,635.99	1,169.40	17,797.10	6,388.36	4,990.79	1,561.84		2,242.17		1,381.43		1,008.71
Illinois	216,357.32	15,591.97	3,830.94	95,690.04	34,523.98	16,936.35	18,785.79		6,500.00		5,001.95		8,331.50
Indiana	153,637.82	10,053.46	2,357.92	51,882.56	4,983.13	14,677.02	7,165.55		10,693.20	8,085.03	8,330.10		9,026.45
Iowa	161,674.41	11,940.53		72,399.41	17,000.00	15,150.00	14,584.47		2,400.00	3,600.00	6,300.00	800.00	2,500.00
Kansas	124,241.94	11,006.98	4,492.99	27,838.96	5,761.61	2,713.14	15,856.82	6,266.07	8,250.45	2,662.93	3,975.29	2,714.62	8,512.58
Kentucky	186,934.30	8,991.71	5,922.63	106,840.53	20,607.07	9,004.22	4,083.69	2,301.90	4,702.89	3,537.29	4,878.51	3,569.45	3,555.80
Louisiana	126,132.51	10,250.63	3,173.21	21,813.71	34,467.79	8,508.21			3,449.25	2,042.92	1,037.03		1,992.34
Maine	56,483.44	5,411.70		33,083.71	21,410.72	4,348.38							
Maryland	67,576.65	12,364.11	208.77	33,083.71	11,514.36	932.43			900.32	182.96	2,440.07		790.13
Massachusetts	30,055.04	719.29	740.30	7,187.35	1,875.04	8,198.46		100.00	504.20	527.34	300.00		500.00
Michigan	151,585.39	3,462.50		84,777.78	11,704.50	23,209.16	12,611.95		2,638.10	625.00			5,049.23
Minnesota	142,523.81	12,899.77	2,458.28	57,752.76	14,505.60	17,726.46	10,054.07		3,497.36	7,605.58	9,163.54		1,000.00
Mississippi	163,854.56	13,350.71	1,010.96	59,561.71	43,122.30	10,039.60	5,538.33			3,958.88	12,338.82		
Missouri	190,314.58	5,006.75	1,121.31	108,765.95	22,745.61	4,744.88	11,216.57		6,287.25	5,716.43	4,528.60		8,984.96
Montana	47,397.29	5,897.11	1,381.49	24,899.17	7,999.98	6,222.02							
Nebraska	98,419.82	8,079.93	2,576.42	41,798.41	6,266.77	11,592.11	6,169.57		2,102.47	3,777.83	1,534.33		3,461.93
Nevada	16,167.33	5,734.09	6.91	2,111.42	6,266.77								
New Hampshire	26,206.37	1,947.27	943.49	5,741.58	6,511.96	7,414.30				1,200.00	3,647.77		
New Jersey	76,841.93	13,309.33	2,826.76	29,077.28	10,013.49	10,736.61	1,670.21			1,329.74	1,321.62		812.93
New Mexico	39,311.33	14,349.46	458.15	18,892.78	4,583.76	1,027.18							
New York	188,154.43	6,745.68	5,168.92	42,704.66	32,586.16	21,605.32	25,265.60	11,897.13	4,906.13	3,926.09	848.02		12,392.21
North Carolina	215,280.72	19,108.03	5,985.05	134,489.37	37,657.40				11,497.57				
North Dakota	65,433.23	21,358.08	1,175.51	29,159.78	14,933.67	20,656.89	6,453.42		314.55	2,342.91	1,949.67		
Ohio	216,020.89	24,023.50	8,548.80	75,737.33	25,629.15	8,691.15	10,711.38		4,974.98	3,922.51	4,172.22		17,619.12
Oklahoma	157,732.72	18,248.35	3,778.78	81,535.76	25,629.15	13,001.56	3,329.53		1,353.84	6,178.89	3,601.33		2,034.70
Oregon	48,934.62	6,410.60	791.90	10,947.48	4,968.25	13,001.56	3,772.57	2,241.50	1,577.21	1,562.26	1,067.52		419.82
Pennsylvania	318,821.42	13,472.86	2,449.46	201,396.63	3,326.89	2,277.48	9,914.59		15,475.18	1,165.00	10,773.99		970.64
Rhode Island	11,510.00	2,925.72	590.00	2,316.78									

<sup>1</sup> Prior to 1920, included home economics specialists.<sup>2</sup> Prior to 1920, included under home demonstration work.



TABLE 5.—*Expenditures for cooperative agricultural extension work for the year ended June 30, 1922, by projects—Continued.*  
EXPENDITURES FROM THE UNITED STATES APPROPRIATION OF MAY 8, 1914 (FEDERAL SMITH-LEVER)—Continued.

State.	Total.	Adminis- tration.	Printing and distri- bution of publica- tions.	County agent work.	Home demonstra- tion work.	Boys' club work.	Home economics specialists.	Extension schools.	Animal husbandry.	Poultry.	Dairying.	Animal diseases.	Agronomy.
South Carolina	\$147,902.57	\$10,785.86	\$3,484.28	\$52,834.97	\$23,573.62	\$3,233.29	\$11,140.02		\$9,221.33	\$3,059.18	\$4,655.13		\$9,459.94
South Dakota	63,055.40	3,395.73	4.50	22,430.25	1,000.02	1,510.00	1,890.10		4,265.43	4,299.82	4,202.71	\$4,657.28	4,181.38
Tennessee	181,335.10	10,460.16	6,544.11	60,187.61	43,816.58	4,144.31			13,213.25	4,217.64	7,352.81		6,344.94
Texas	322,625.52	35,293.79	7,628.30	163,506.68	44,141.98	5,428.33	7,310.44		3,826.15	3,478.72	5,147.48		12,544.54
Utah	33,200.92	5,101.61	904.52	15,955.14	6,829.57	651.76							
Vermont	34,058.33	6,394.20		10,750.96	5,323.41	7,954.19			2,998.90	3,617.42	1,106.99		1,455.24
Virginia	172,259.96	30,823.15	2,884.99	99,225.29	16,222.72	2,082.14	639.53		1,485.05	2,422.47	3,896.65		1,810.85
Washington	70,320.05	18,554.32	2,198.51	15,985.05	6,222.59	11,535.18	2,771.49		7,356.77	3,562.55	2,436.21		4,522.78
West Virginia	118,625.71	7,772.04	2,855.71	52,154.97	13,741.97	11,637.27	9,859.80		2,195.00	3,655.00	7,113.00		12,595.00
Wisconsin	147,680.42	10,250.00	5,594.19	67,574.79	4,439.64	7,255.70							
Wyoming	23,599.76	10,035.76		5,650.48	4,183.52	3,730.00							
Total, 1922	5,580,000.00	534,939.13	107,237.37	2,585,672.90	690,124.03	367,674.18	223,457.69	24,013.74	151,306.74	104,173.38	149,102.80	15,052.24	155,850.69
1921	5,079,999.05	510,671.70	96,897.63	2,314,067.79	643,712.65	338,121.77	163,028.85	29,275.33	117,477.14	83,263.80	151,544.79	14,183.78	124,471.96
1920	4,512,765.63	497,185.75	113,328.01	1,980,498.67	643,380.58	319,561.57	169,269.04	35,041.37	87,871.04	67,003.77	102,469.90	12,947.38	97,415.30
1919	2,580,000.00	497,041.99	105,120.93	655,145.98	395,631.98	143,219.87		46,439.03	93,866.43	59,859.20	85,229.65	14,524.65	101,141.49
1918	2,080,000.00	390,545.48	76,910.28	584,815.72	356,475.39	112,076.34		44,515.12	68,268.80	40,519.09	67,341.75	14,790.71	75,316.76
1917	1,580,000.00	249,738.80	43,881.48	453,417.17	261,229.14	105,290.22	69,425.12		59,018.49	26,507.94	49,536.76	11,807.83	56,668.96
1916	1,080,000.00	177,213.30	27,867.77	289,708.77	174,753.22	63,189.11	63,125.80		30,305.43	21,168.07	38,365.08	9,593.93	35,352.22
1915	480,000.00	86,278.39	8,241.16	128,083.33	69,890.05	32,944.29	33,821.65		8,640.84	5,735.83	16,269.72	3,930.67	9,191.99
State.	Horticul- ture.	Botany and plant pathology.	Entomol- ogy, api- culture, or nithology.	Rodent pests.	Forestry.	Agricul- tural engi- neering.	Farm manage- ment.	Rural organi- zation.	Marketing.	Exhibits and fairs.	Farmers' insti- tutes.	Miscella- neous spe- cialists.	Unexpen- ded bal- ance.
Alabama	\$2,581.18					\$1,459.79			\$4,741.70			\$459.09	
Arizona	1,963.64					783.80	\$1,047.48		6,975.12				\$102.50
Arkansas	3,120.67						1,570.52						
California							971.36		1,191.18				
Colorado			\$125.00			850.00	4,193.62		4,665.54				
Connecticut	6,215.65												
Delaware	250.00												
Florida		\$1,685.96											685.16
Georgia	5,221.83					2,669.06			4,357.02	\$1,637.17			
Idaho	1,086.59		779.38										
Illinois	4,729.90						6,434.90						

Indiana.....	7, 604.44	6, 476.64			3, 093.03	5, 089.23				\$4, 120.06		
Iowa.....	2, 400.00					8, 100.00						
Kansas.....	3, 097.17	3, 736.85	3, 953.71		8, 752.97	2, 648.80						
Kentucky.....	2, 977.76				1, 339.46	1, 971.71					10.04	
Louisiana.....	1, 423.18		366.66							10.00		
Maine.....						3, 498.93						
Maryland.....	3, 338.38	1, 229.96	591.45			1, 790.95						
Massachusetts.....	1, 945.57					650.00						
Michigan.....	2, 371.42		785.75		900.00	2, 329.94						
Minnesota.....		3, 530.45										
Mississippi.....			2, 253.46		8, 058.59							
Missouri.....	4, 728.87		2, 105.42		667.75	997.52						
Montana.....					4, 494.60	1, 282.18						
Nebraska.....	3, 069.22											
Nevada.....												
New Hampshire.....												
New Jersey.....	5, 743.96											
New Mexico.....	4, 803.45	5, 818.63	2, 520.52		793.95	4, 322.35		\$101.39		499.63		848.59
New York.....	4, 298.65	2, 244.65										
North Carolina.....		2, 159.15				520.16						84.96
North Dakota.....		3, 581.52	4, 813.44		8, 707.49	2, 934.99				3, 599.72		3, 806.02
Ohio.....	7, 598.37				893.09	448.42						
Oklahoma.....	1, 152.13					7, 208.90				334.64		30, 506.23
Oregon.....	1, 725.53					73.13						
Pennsylvania.....	10, 053.78	748.62	558.55									
Rhode Island.....		600.00	2, 866.05			2, 744.94						
South Carolina.....	7, 211.40		4, 053.09									
South Dakota.....					4, 420.15							
Tennessee.....					3, 443.32							
Texas.....								4, 450.84				15, 981.72
Utah.....												17, 635.37
Vermont.....												
Virginia.....	4, 696.39	1, 136.96			2, 580.58	2, 528.58						
Washington.....	1, 398.84	1, 316.99	300.00		1, 279.50	603.00						
West Virginia.....	6, 581.01	2, 719.17										
Wisconsin.....	6, 105.96	5, 676.84	1, 410.00		2, 425.00	1, 530.50						
Wyoming.....												
Total, 1922.....	119, 494.94	42, 662.39	27, 482.48	600.00	409.84	65, 492.11	4, 552.23			70, 812.25	1, 647.17	6, 858.96
1921.....	120, 881.01	39, 347.39	31, 290.85	550.00	1, 183.59	45, 856.28	7, 313.30			61, 357.69	1, 499.98	3, 289.89
1920.....	94, 734.69	38, 021.20	23, 249.32		2, 248.18	45, 260.73	8, 660.11			61, 803.38	1, 723.91	3, 992.08
1919.....	89, 593.31	40, 819.23	21, 307.37	388.18	2, 089.12	48, 087.69	20, 794.66			57, 132.80	1, 943.32	8, 775.70
1918.....	73, 870.57	24, 800.53	7, 659.64	804.25	1, 201.41	34, 733.81	15, 744.60			33, 629.68	2, 680.84	17, 186.07
1917.....	45, 773.14	11, 691.68	7, 957.23		4, 591.58	32, 786.96	10, 510.03			18, 374.98	2, 455.40	32, 660.70
1916.....	42, 949.87	6, 801.49	4, 603.57		358.45	34, 004.56	3, 197.59			7, 204.80	748.84	31, 731.84
1915.....	16, 309.53	400.00	440.00			4, 369.31	126.00			2, 298.60	3, 712.95	43, 070.27

\* South Carolina failed to meet the full allotment to that State by \$0.95.

\* Pennsylvania unable to meet the full allotment to that State by \$67,234.37.





State.	Horticulture.	Botany and plant pathology.	Entomology, apiculture, ornithology.	Forestry.	Agricultural engineering.	Farm management.	Rural organization.	Marketing.	Exhibits and fairs.	Miscellaneous specialists.	Rodent pests.	Unexpended balance.
Tennessee	171,335.10	21,333.43	4,107.13	90,845.44	36,067.38	2,700.00	4,250.00	3,000.00	5,500.00	3,425.00	4,000.00	10,230.00
Texas	312,625.52	2,866.72	6,905.84	212,469.49	37,409.82	2,700.00	4,250.00	3,000.00	5,500.00	3,425.00	4,000.00	10,230.00
Utah	23,200.92	973.87		16,708.90	1,402.00	975.00						
Vermont	24,058.33			7,853.47	6,339.20	5,713.85			469.80			
Virginia	162,259.96			58,581.31	47,946.05	4,318.92	4,813.43		5,656.52	8,005.59	2,374.60	2,792.41
Washington	60,320.05	5,237.33	398.22	11,371.16	3,015.00	3,426.98	5,974.00	731.50	3,417.03	2,944.85	5,343.07	3,717.13
West Virginia	108,625.71	15,144.51	1,480.25	57,505.89	22,008.71	7,237.08			1,226.46	3,409.18		513.43
Wisconsin	137,680.42	8,556.22	7,309.42	75,950.69	1,426.55	3,510.67	4,685.84	2,777.52	2,151.91	1,819.51	11,104.26	5,027.32
Wyoming	13,599.76	1,642.71	794.86	5,908.19					469.95	1,515.87		3,268.18
Total, 1922	5,100,000.00	299,388.81	78,678.18	2,669,702.27	775,682.83	228,517.62	200,301.69	16,517.56	117,689.62	89,407.18	88,359.26	128,143.57
1921	4,599,999.05	299,526.68	76,823.58	2,348,738.60	761,014.77	215,447.91	94,802.54	22,731.78	104,050.07	77,498.14	74,905.25	15,728.27
1920	4,032,765.63	247,554.18	58,956.38	2,204,209.25	589,724.44	178,287.12	117,032.75	47,019.29	84,244.58	61,520.81	50,416.25	14,135.15
1919	2,100,000.00	252,329.45	55,540.79	941,902.93	293,869.64	112,706.28		28,667.68	55,747.75	34,779.81	48,483.73	11,498.94
1918	1,600,000.00	178,212.44	40,130.89	766,416.54	197,262.21	80,315.51		35,850.11	44,274.89	22,973.75	45,153.37	42,555.94
1917	1,100,000.00	97,302.53	34,819.50	541,495.05	126,235.78	50,209.68		36,501.94	27,199.22	12,722.78	24,306.88	26,433.67
1916	600,000.00	90,055.50	15,198.34	283,077.42	68,408.44	28,473.54		25,754.65	7,305.47	7,102.61	9,905.43	9,439.86

<sup>1</sup> Prior to 1920, included home economics specialists.

<sup>2</sup> Prior to 1920, included under home demonstration work.

<sup>3</sup> South Carolina failed to meet the full allotment to that State by \$0.95.

<sup>4</sup> Pennsylvania unable to meet the full allotment to that State by \$67,234.37.



TABLE 6.—*Expenditures for cooperative agricultural work for the year ended June 30, 1922, by projects—Continued.*

EXPENDITURES FROM THE UNITED STATES APPROPRIATION OF MAY 8, 1914 (STATE SMITH-LEVER)—Continued.

State.	Horti- culture.	Botany and plant pathology.	Ento- mology, apiculture, ornithology.	Forestry.	Agricul- tural engi- neering.	Farm manage- ment.	Rural organi- zation.	Marketing.	Exhibits and fairs.	Miscel- laneous specialists.	Rodent pests.	Unex- pended balance.
Montana												
Nebraska	\$2,601.38				\$3,301.60	\$1,049.72		\$1,824.23				
Nevada						2,285.27		985.61				
New Hampshire	7,469.15											
New Jersey								2,501.95		\$2,996.68		\$848.59
New Mexico	4,900.00	\$3,000.00	\$2,000.00	\$1,000.00	2,500.00	3,000.00						
New York	459.07		5,127.16	712.50	6,120.17			4,733.89	\$601.50			
North Carolina						5,078.10						84.96
North Dakota		30.00			625.11	3,588.89						3,806.02
Ohio	2,819.69				2,594.98							
Oklahoma	2,899.94					194.11		5,102.09				30,506.23
Oregon	2,550.00			4,286.71		200.00						
Pennsylvania	192.87	14,008.82	7,752.74									
Rhode Island								6,515.96				
South Carolina	6,941.90		1,909.19									15,981.72
South Dakota												17,635.37
Tennessee												
Texas							\$4,100.00			4,000.00		
Utah										1,248.30		
Vermont	333.54											
Virginia	9,238.20	1,798.90		33.26	5,106.54							
Washington	4,805.70	2,398.80	1,494.59		2,139.99	1,998.64			1,654.01		\$252.05	
West Virginia	92.40						7.80					
Wisconsin	3,744.04	1,305.68	827.52		6,698.99	784.28						
Wyoming												
Total, 1922	99,493.33	23,688.88	32,150.09	6,857.47	42,101.04	31,293.57	5,296.99	69,367.15	5,758.05	10,078.79	1,627.05	69,650.55
1921	82,432.04	38,993.32	22,121.07	50.00	5,870.22	31,388.27	35,981.24	10,142.62	56,663.33	7,343.09	11,119.99	105,950.55
1920	76,121.70	29,513.14	21,011.90	1,927.09	5,555.87	42,707.86	25,288.52	12,718.94	32,737.92	3,971.01	9,380.74	48,421.27
1919	37,705.66	19,646.78	10,750.04	1,163.59	3,759.50	26,472.85	21,327.94	13,077.94	31,572.65	5,104.36	10,134.00	41,171.96
1918	22,294.37	19,639.97	9,904.89	367.54	1,184.10	20,830.86	13,135.06	13,798.22	20,502.90	3,128.85		11,933.71
1917	18,183.43	18,643.05	7,030.07		3,171.32	12,420.99	15,638.37	12,636.50	9,544.02	2,839.67	12,489.65	4,945.63
1916	9,911.70	5,388.86	3,560.81		1,498.89	3,003.55	6,065.04	12,279.09	1,850.19	3,434.64	3,742.83	2,076.27

TABLE 7.—*Sources of offset to Federal Smith-Lever funds for the fiscal year ended June 30, 1922.*

State.	Total.	State.	County.	College.	Other.	Unex- pended balance.
Alabama.....	\$182,468.40	\$111,882.43	\$70,585.97			
Arizona.....	21,496.71	21,496.71				
Arkansas.....	145,044.10	77,397.50	67,544.10			\$102.50
California.....	108,669.16	108,669.16				
Colorado.....	48,262.12	32,484.94	15,777.18			
Connecticut.....	44,086.75	44,086.75				
Delaware.....	10,144.81	7,203.60	1,750.00	\$1,191.21		
Florida.....	60,792.31	42,227.06	17,880.09			685.16
Georgia.....	215,126.27	100,000.00	115,126.27			
Idaho.....	31,041.76	31,041.76				
Illinois.....	206,357.32	106,685.59			\$99,671.73	
Indiana.....	143,637.82	82,443.02	61,194.80			
Iowa.....	151,674.41		151,674.41			
Kansas.....	114,241.94	74,461.26	39,780.68			
Kentucky.....	176,934.30	118,648.86	58,285.44			
Louisiana.....	116,132.51	80,332.31	35,800.20			
Maine.....	46,483.44	37,300.36	9,183.08			
Maryland.....	57,576.65	57,576.65				
Massachusetts.....	20,055.04		20,055.04			
Michigan.....	141,585.39	51,833.58	89,751.81			
Minnesota.....	132,523.81	82,940.65	49,583.16			
Mississippi.....	153,854.56	65,038.53	88,816.03			
Missouri.....	180,314.58	71,899.17	108,415.41			
Montana.....	37,397.29	37,397.29				
Nebraska.....	88,419.82	66,843.29	21,576.53			
Nevada.....	6,167.33	6,167.33				
New Hampshire.....	16,206.37	16,206.37				
New Jersey.....	66,841.93	66,841.93				
New Mexico.....	29,311.33	20,479.24	8,832.09			
New York.....	178,154.43	119,305.84	58,000.00			848.59
North Carolina.....	205,280.72	116,351.84	88,928.88			
North Dakota.....	55,433.23	55,433.23				
Ohio.....	206,620.89	142,903.17	63,632.76			84.96
Oklahoma.....	147,732.72	104,281.92	39,644.78			3,806.02
Oregon.....	38,934.62	38,934.62				
Pennsylvania.....	308,821.42	187,589.21	90,725.98			30,506.23
Rhode Island.....	1,510.00	1,510.00				
South Carolina.....	137,902.57	94,147.00	43,755.57			
South Dakota.....	53,055.40	53,055.40				
Tennessee.....	171,335.10	50,380.51	103,572.87	1,400.00		15,981.72
Texas.....	312,625.52	203,041.47	91,948.68			17,635.37
Utah.....	23,200.92	23,200.92				
Vermont.....	24,058.33	24,058.33				
Virginia.....	162,259.96	155,259.62	7,000.34			
Washington.....	60,320.05	60,320.05				
West Virginia.....	108,625.71	50,987.90	57,637.81			
Wisconsin.....	137,680.42	46,993.08	36,215.13	54,472.21		
Wyoming.....	13,599.76	13,599.76				
Total, 1922.....	5,100,000.00	3,160,939.21	1,712,675.09	57,063.42	99,671.73	69,650.55
<sup>1</sup> 1921.....	4,599,999.05	2,858,480.54	1,518,778.45	107,981.07	8,808.44	105,950.55
<sup>2</sup> 1920.....	4,032,765.63	2,439,467.52	1,095,923.84	191,287.03	257,665.97	48,421.27
1919.....	2,100,000.00	1,539,300.08	316,367.59	46,766.34	156,394.03	41,171.96
1918.....	1,600,000.00	1,262,305.01	215,077.20	51,025.46	59,658.62	11,933.71
1917.....	1,100,000.00	893,058.99	94,556.74	59,055.32	48,383.33	4,945.62
1916.....	600,000.00	470,649.42	69,226.79	26,834.76	31,212.76	2,076.27

<sup>1</sup> South Carolina failed to meet the full allotment to that State by \$0.95.<sup>2</sup> Pennsylvania unable to meet the full allotment to that State by \$67,234.37.



TABLE 8.—Total expenditures of funds from all sources for cooperative agricultural extension work for the year ended June 30, 1922.

## BY SOURCES OF FUNDS.

State.	Total.	United States Department of Agriculture.			Smith-Lever.		State.	County.	College.	Other.
		Farmers' cooperative demonstration work.	Other bureaus.		Federal.	State.				
Alabama	\$434,737.90	\$33,209.88	\$64.96		\$192,468.40	\$182,468.40	\$26,526.26			
Arizona	103,343.85	11,739.91	14,921.00		31,496.71	21,496.71	8,305.95	\$15,383.57		
Arkansas	410,989.65	31,277.00	2,400.00		154,941.60	144,941.60	6,893.55	66,035.90	\$75,656.85	\$4,500.00
California	333,779.64	21,826.47	8,958.00		118,669.16	108,669.16				
Colorado	200,837.96	24,422.68	13,399.42		58,262.12	48,262.12	9,587.87	46,070.92		832.83
Connecticut	238,125.57	13,074.32	10.97		54,086.75	44,086.75	24,779.62	102,087.16		
Delaware	38,116.56	7,579.16	10.97		20,144.81	10,144.81			77.55	159.26
Florida	225,709.32	18,750.81	10.97		70,107.15	60,107.15	5,233.94	69,424.30		
Georgia	526,107.67	37,160.16	4,519.97		225,126.27	215,126.27	39,875.00	4,300.00	2,075.00	
Idaho	243,272.64	25,096.27	13,970.60		41,041.76	31,041.76	45,982.61	86,139.64		
Illinois	830,008.58	873.08			216,357.32	206,357.32				
Indiana	461,134.54	11,694.85			153,637.82	143,637.82	47,108.13	75,244.55	5,499.92	400,920.94
Iowa	885,320.85	14,814.58	435.00		161,674.41	151,674.41	173,822.45	152,900.00		29,811.37
Kansas	473,801.02	9,990.45	2,323.00		124,241.94	114,241.94		92,151.80	39,840.44	230,000.00
Kentucky	423,262.99	31,009.23	32.48		186,934.30	176,934.30	7,878.74	17,348.12		91,011.45
Louisiana	290,516.78	34,697.13			126,132.51	116,132.51			1,643.58	3,125.82
Maine	124,891.26	20,707.95			56,483.44	46,483.44		738.25	478.18	1,911.05
Maryland	224,012.33	20,863.31			67,576.65	57,576.65	45,606.08	32,378.67		
Massachusetts	160,786.79	25,535.29	10.97		30,055.04	20,055.04	85,130.45			
Michigan	397,789.44	10,114.27	1,300.00		151,585.39	141,585.39	63,326.20	29,878.19		
Minnesota	513,721.21	13,552.36	1,000.00		142,523.81	132,523.81	30,948.26	114,126.58	10,025.46	69,020.93
Mississippi	454,042.76	39,310.31	4,846.79		163,854.56	153,854.56	1,473.33	90,703.21		
Missouri	421,907.43	9,806.32			190,314.58	180,314.58		41,471.95		
Montana	291,791.54	28,958.53	13,679.02		47,397.29	37,397.29	58,114.41	106,245.00		
Nebraska	292,497.69	12,350.64	5,469.34		98,419.82	88,419.82	5,430.05	71,052.59	16,785.48	
Nevada	88,045.71	10,570.00	10,035.27		16,167.33	6,167.33	4,894.37	39,230.91	444.82	
New Hampshire	126,751.84	20,312.72			26,206.37	16,206.37		59,132.01		
New Jersey	250,045.75	14,429.34	10.97		76,841.93	66,841.93		91,921.58		
New Mexico	150,719.71	19,990.04	12,953.00		39,311.33	29,311.33	11,067.14	37,693.55		393.32
New York	202,336.16	9,164.73	7,389.97		187,305.84	177,305.84	154,732.16	556,208.39	105,840.17	4,389.06
North Carolina	537,976.10	34,006.39	11,298.72		215,280.72	205,280.72	22,004.55			50,105.00
North Dakota	250,929.03	28,376.20	6,409.00		65,433.23	55,433.23	15,569.26	79,708.11		2,832.19
Ohio	571,902.01	10,461.73			216,535.93	206,535.93	45,106.38	90,369.85		
Oklahoma	451,215.22	32,289.49	5,693.00		153,926.70	143,926.70	718.08	111,311.25	3,350.00	664.82
Oregon	290,815.51	25,518.91	11,540.00		48,934.62	38,934.62	82,515.88	82,706.66		
Pennsylvania	587,205.12	47.11	10.97		288,315.19	278,315.19			20,516.66	5,300.00
Rhode Island	38,866.70	7,727.53	10.97		11,510.00	1,510.00	7,800.00	5,000.00	8.20	

South Carolina.....	394,412.34	31,569.80	3,370.00	147,902.57	137,902.57	73,831.71	66,667.40	7,000.00	
South Dakota.....	334,384.12	22,874.54	4,139.00	63,055.40	53,055.40		117,928.07		
Tennessee.....	361,902.02	34,674.37	2,891.00	165,353.38	155,353.38			3,601.30	28.59
Texas.....	807,239.33	54,705.71	12,103.00	304,990.15	294,990.15				
Utah.....	121,048.23	17,587.00	13,392.60	33,200.92	23,200.92	29,813.73	140,450.32		2,590.56
Vermont.....	147,758.49	21,437.00		34,058.33	24,058.33	12,911.55	15,508.55		39,784.73
Virginia.....	468,479.39	29,163.49	11.00	172,259.96	162,259.96	22,881.97	69,932.02		12,470.99
Washington.....	324,047.43	27,934.55	8,338.00	70,320.05	60,320.05		150,993.93	1,865.85	4,275.00
West Virginia.....	277,646.96	17,939.58	8.12	118,625.71	108,625.71	29,099.80	3,328.04		
Wisconsin.....	309,880.61	9,122.39	2,423.00	147,680.42	137,680.42		12,974.38		
Wyoming.....	97,637.89	18,925.90	10,138.91	23,599.76	13,599.76	4,640.77	26,732.79		
Total, 1922.....	17,181,751.64	1,007,263.48	200,540.93	5,510,349.45	5,030,349.45	1,202,070.25	2,972,740.71	294,709.46	954,127.91
1921.....	16,792,248.32	1,025,083.33	435,046.70	4,974,048.50	4,494,048.50	1,308,530.29	3,293,566.38	241,367.01	1,020,557.61
1920.....	14,658,079.92	1,021,091.39	406,020.96	4,464,344.36	3,984,344.36	1,966,373.70	2,865,739.87	278,092.02	672,073.26
1919.....	14,661,560.50	1,564,839.70	935,373.64	2,538,828.04	2,058,828.04	715,040.12	2,291,209.30	186,188.37	370,653.29
1918.....	11,302,764.75	2,300,406.30	507,282.95	2,068,066.29	1,588,066.29	682,781.45	1,863,632.29	198,309.80	494,219.38
1917.....	6,149,619.63	958,333.87	185,893.15	1,575,054.38	1,095,054.38	635,275.15	1,258,296.14	196,839.01	244,873.55
1916.....	4,864,180.94	900,389.92	165,172.01	1,077,923.73	597,923.73	651,799.58	973,251.56	220,934.32	276,786.09
1915.....	3,597,235.85	905,782.00	105,168.40	474,934.73		724,445.13	780,331.79	319,825.25	286,748.55

<sup>1</sup> Includes \$4,598,243.13 emergency funds.<sup>2</sup> Includes \$2,949,072.48 emergency funds.



TABLE 9.—Total expenditures of funds from all sources for cooperative agricultural extension work for the year ended June 30, 1922.

## BY ITEMS OF EXPENSE.

State.	Amount of appropriation.	Salary.	Labor.	Publications.	Stationery and small printing.	Postage, telegraph, phone, freight, and express.	Heat, light, water, and power.	Supplies.	Library.	Tools, machinery, and appliances.	Furniture and fixtures.	Scientific apparatus and specimens.	Live stock.	Traveling expenses.	Contingent expenses.
Alabama	\$434,737.90	\$355,819.11	\$807.02	\$800.27	\$5,820.19	\$3,370.44	\$152.40	\$910.77	\$390.53	\$486.06	\$2,718.94	\$147.68		\$41,941.29	\$21,373.20
Arizona	103,343.85	63,655.79	252.45	346.90	2,481.28	1,541.59	63.55	1,290.49	3.41	97.34	2,047.78	1,391.75		27,872.44	2,299.08
Arkansas	410,959.65	320,976.80	790.98	4,167.13	4,337.89	2,745.62	82.11	1,151.61	303.68	27.92	1,297.72	1,403.50		69,626.75	4,077.94
California	333,779.64	285,561.37	3,248.58		2,037.57	1,285.95		406.43	261.85	1.47	63.00	217.98		40,680.99	14.45
Colorado	200,837.96	126,097.92	801.62	4,641.64	3,785.58	1,227.22		491.28	9.50	992.45	2,727.39	60.95		59,678.17	324.24
Connecticut	238,125.57	149,152.85	3,203.33	5,439.01	2,954.25	4,628.49	1,969.36	7,574.29			2,002.13			46,696.54	14,505.32
Delaware	38,116.56	27,769.30	373.85	903.06	566.64	599.85	.40	387.93	23.08	26.13	124.24	8.14		7,324.04	9.00
Florida	225,709.32	188,575.92	35.15	5,792.79	1,362.21	898.62		494.12	46.53	106.65	2,714.24	845.26		24,819.10	18.73
Georgia	526,107.67	421,888.20	1,544.93	5,702.41	2,977.51	1,307.60	1,499.30	3,451.51	3.00	107.97	321.41	13.67		47,205.16	39,875.00
Idaho	243,272.64	154,529.56	296.55	1,715.45	1,379.61	1,626.98	3.15	3,950.17	229.18	105.67	678.53	245.13		62,495.16	16,017.50
Illinois	830,008.58	648,152.53	536.40	3,830.94	2,939.04	1,369.53		941.27	77.47	4.08	1,329.97	188.45		21,118.90	149,520.00
Indiana	461,134.54	355,876.46	4,924.56	4,458.53	5,016.65	2,722.00		14,291.10	14.00	162.50	376.34	76.52	\$24.00	72,095.42	1,096.46
Iowa	885,320.85	597,985.57	29,390.69	10,834.86	3,997.59	38,647.67	1,800.00	29,029.54	88.41	155.89	2,763.91	1,524.30		168,971.06	131.36
Kansas	473,801.02	298,319.79	11,627.22	10,466.88	10,602.80	2,668.94	669.13	4,195.38	320.18	366.34	3,432.27	213.87		61,320.34	61,997.88
Kentucky	432,262.99	293,511.95	3,284.77	7,170.87	3,698.45	2,260.79	2,714.06	1,840.17	113.88	34.38	986.20	35.94		107,165.38	33,446.15
Louisiana	280,516.78	224,561.61	1,803.18	10,550.79	2,430.79	2,156.18	400.87	3,454.01	22.99	194.07	881.22	295.40		33,752.09	13.58
Maine	124,891.26	88,266.49	130.28	1,203.14	2,980.27	450.33		209.19	182.18	70.32	530.80	163.50		30,703.01	1.75
Maryland	224,012.33	172,502.67	566.50	2,454.59	2,233.61	1,236.35	360.00	4,590.93	194.05	279.09	967.33	54.07		38,545.14	28.00
Massachusetts	160,786.79	122,949.34	1,838.43	5,637.97	4,405.73	3,831.94	214.47	1,091.96	126.27	35.06	935.42			19,469.41	250.79
Michigan	397,789.44	339,576.09	2,821.55	4,437.84	3,942.53	1,678.00		2,438.03	37.48	2,501.52	994.90	534.64		38,648.38	178.48
Minnesota	513,721.21	379,020.03	4,310.62	9,110.08	7,892.93	12,408.08	370.20	1,120.47	193.86	22.75	825.76	14.95		94,509.45	3,921.98
Mississippi	454,042.76	387,076.24	1,514.06	3,329.77	1,772.50	2,516.43	770.44	732.96	46.88	301.71	1,227.03	36.16		54,292.15	426.43
Missouri	412,907.43	341,732.05	2,754.90	4,072.78	3,840.63	1,472.38		787.45	5.00	33.10	259.30	117.02		66,821.02	11.80
Montana	291,791.54	171,969.05	1,066.71	1,795.24	3,339.75	1,632.70	2,320.53	7,171.52	9.50	1,924.34	764.73	35.25		69,858.22	29,904.00
Nebraska	292,497.69	253,714.71		8,346.34	682.54	1,531.43		1,609.05	51.34	237.52	1,034.88	865.46		24,033.56	141.74
Nevada	88,045.71	55,444.99	563.76	85.21	1,786.01	1,177.67		527.86	183.53	130.85	1,078.56	236.48		25,204.63	1,669.84
New Hampshire	126,751.84	68,932.96	8,205.37	10,802.94	2,833.60	3,667.15	300.00	2,360.61	40.94	2.92	1,978.56	9.00		24,443.05	3,174.74
New Jersey	250,045.75	170,863.50	2,209.10	3,108.01	5,741.46	3,710.68	768.46	2,213.87	304.88	531.97	1,610.27	524.91		51,990.22	5,016.87
New Mexico	150,719.71	92,591.03	1,646.88	1,398.29	2,343.72	2,270.55	65.33	587.00	407.07	158.49	1,061.82	1,714.32		44,858.01	1,068.75
New York	1,202,336.16	596,576.73	18,639.89	152,094.22	66,928.51	8,774.63	24,092.96	13,192.43	439.63	612.20	14,732.04	1,913.07	53.24	192,422.68	111,863.93
North Carolina	537,976.10	410,174.43	560.77	17,062.02	5,063.31	3,328.03	114.74	2,003.63	186.65	1,100.62	7,062.77	1,663.15		81,148.10	8,567.88
North Dakota	250,929.03	175,109.23	618.73	2,491.72	2,869.05	1,424.68	4,220.72	1,549.80	22.59		1,171.52	549.10		60,869.05	32.84
Ohio	571,992.01	426,991.47	7,897.61	9,487.76	6,945.79	4,356.83		4,969.06	84.25	494.46	1,614.49	309.40		108,301.95	448.94
Oklahoma	451,215.22	387,116.14	1,677.48	9,132.97	7,263.89	1,986.16		321.23	25.18	51.50	2,121.66	172.75		38,871.36	4,074.90
Oregon	290,815.51	196,510.93	2,413.16	2,745.06	5,673.84	6,911.59	246.86	2,382.04	69.26	630.57	2,246.51	261.49		66,668.82	2,416.68
Pennsylvania	587,205.12	392,936.37	4,333.15	4,921.32	12,022.86	11,642.95	1,277.26	1,879.07	33.74	241.43	1,834.94	113.14		150,208.12	5,692.48

Rhode Island	38, 866. 70	28, 890. 85	-----	85. 15	630. 00	457. 59	125. 73	-----	620. 12	89. 15	40. 18	16. 00	649. 64	5. 31	-----	7, 962. 25	-----
South Carolina	394, 412. 34	326, 302. 27	-----	85. 15	6, 649. 89	842. 17	3, 045. 00	-----	620. 12	1, 754. 14	111. 39	22. 03	3, 080. 49	113. 35	-----	50, 092. 32	1, 094. 02
South Dakota	334, 384. 12	244, 678. 00	-----	3, 414. 06	177. 91	8, 328. 75	8, 235. 24	-----	341. 74	2, 096. 45	67. 66	22. 81	1, 193. 60	143. 83	-----	62, 995. 68	2, 688. 39
Tennessee	361, 902. 02	291, 092. 95	-----	2, 382. 01	10, 661. 24	9, 675. 57	2, 292. 38	-----	837. 08	1, 126. 79	378. 57	118. 76	1, 608. 22	39. 21	-----	41, 390. 37	368. 87
Texas	807, 239. 33	623, 653. 08	-----	-----	14, 534. 14	3, 391. 36	3, 159. 42	-----	-----	2, 758. 93	173. 16	-----	2, 199. 69	77. 43	-----	158, 152. 12	1, 140. 00
Utah	121, 048. 23	94, 570. 26	-----	2, 121. 20	904. 52	1, 022. 04	665. 29	-----	-----	2, 224. 22	88. 66	13. 05	437. 94	-----	-----	17, 804. 03	1, 197. 02
Vermont	147, 758. 49	85, 159. 91	-----	6, 217. 27	775. 26	9, 943. 29	3, 617. 31	-----	360. 00	3, 145. 95	106. 52	646. 99	1, 409. 16	841. 94	-----	31, 937. 54	3, 597. 35
Virginia	468, 479. 39	365, 295. 14	-----	1, 194. 17	8, 584. 69	5, 916. 95	2, 622. 92	-----	165. 01	2, 003. 67	237. 44	38. 74	2, 143. 09	675. 70	-----	74, 269. 65	5, 332. 22
Washington	324, 047. 43	208, 520. 55	-----	19, 248. 68	2, 670. 08	9, 990. 82	5, 718. 41	-----	395. 89	5, 404. 45	250. 09	517. 33	2, 617. 44	842. 37	-----	67, 857. 82	13. 50
West Virginia	277, 646. 96	232, 555. 02	-----	1, 443. 56	5, 547. 00	1, 651. 19	2, 277. 08	-----	-----	1, 313. 25	61. 60	-----	775. 12	-----	-----	32, 023. 14	-----
Wisconsin	309, 880. 61	252, 898. 22	-----	13. 00	12, 903. 61	3, 033. 56	1, 750. 52	-----	1. 15	1, 993. 15	7. 35	132. 07	2, 045. 45	379. 94	-----	34, 113. 31	9. 28
Wyoming	97, 637. 89	81, 214. 42	-----	870. 05	1, 281. 58	989. 94	456. 68	-----	-----	740. 43	6. 03	2. 67	73. 58	2. 00	-----	12, 000. 51	-----
Total, 1922	17, 181, 751. 64	12, 577, 319. 90	-----	163, 679. 38	395, 859. 62	261, 953. 81	186, 502. 01	-----	47, 197. 29	148, 638. 81	6, 080. 62	13, 759. 79	90, 157. 44	19, 077. 48	-----	2, 765, 227. 90	506, 053. 36
1921	16, 792, 248. 32	2, 254, 307. 30	-----	162, 570. 99	382, 034. 06	317, 080. 86	195, 275. 08	-----	48, 735. 14	198, 370. 96	5, 628. 34	17, 870. 63	100, 865. 51	16, 584. 08	-----	2, 873, 523. 01	218, 767. 56
1920	14, 658, 079. 92	10, 317, 011. 99	-----	164, 778. 45	308, 629. 24	229, 038. 17	137, 230. 47	-----	36, 471. 25	204, 299. 45	6, 054. 47	26, 951. 98	88, 220. 31	13, 295. 44	-----	198, 312, 807, 798. 73	318, 101. 66
1919	14, 661, 560. 50	10, 498, 696. 40	-----	151, 107. 13	263, 371. 74	247, 795. 48	133, 351. 26	-----	19, 574. 36	245, 342. 87	6, 128. 18	050. 45	144, 007. 43	13, 443. 82	-----	1, 692. 54	2, 735, 151. 37
1918	11, 302, 764. 75	8, 168, 965. 83	-----	166, 839. 86	190, 267. 35	204, 632. 33	127, 128. 31	-----	18, 246. 60	212, 631. 90	3, 526. 35	24, 902. 30	166, 255. 64	11, 897. 59	-----	1, 830, 764. 70	167, 247. 60
1917	6, 149, 619. 63	4, 406, 021. 73	-----	84, 878. 32	144, 777. 26	113, 947. 63	68, 330. 02	-----	6, 214. 88	116, 804. 55	2, 256. 33	19, 178. 19	53, 394. 57	10, 567. 50	-----	1, 023, 405. 63	93, 016. 34
1916	4, 864, 180. 94	3, 434, 032. 25	-----	80, 029. 60	98, 850. 56	79, 064. 79	48, 709. 30	-----	4, 842. 21	97, 728. 37	2, 164. 36	32, 974. 37	48, 631. 76	10, 719. 60	-----	849, 259. 37	76, 481. 51
1915	3, 597, 235. 85	2, 616, 969. 86	-----	69, 954. 09	72, 090. 72	49, 640. 47	37, 437. 90	-----	9, 614. 79	55, 886. 15	707. 48	17, 094. 67	36, 155. 66	6, 870. 21	-----	603, 432. 74	19, 125. 12



TABLE 10.—Total expenditures of funds from all sources for cooperative agricultural extension work for the year ended June 30, 1922.

## BY PROJECTS.

State.	Total.	Adminis- tration.	Printing and dis- tribution of publi- cations.	County agent work.	Home demon- stration work. <sup>1</sup>	Boys' club work.	Home economics special- ists. <sup>2</sup>	Extension schools.	Animal husban- dry.	Poultry.	Dairying.	Animal diseases.	Agrono- my.
Alabama	\$434, 737. 90	\$48, 492. 10	\$800. 27	\$212, 545. 26	\$115, 870. 29	\$16, 045. 02			\$10, 442. 78	\$902. 29		\$600. 00	\$4, 792. 72
Arizona	103, 343. 85	12, 466. 90	346. 90	47, 819. 45	16, 303. 64	3, 262. 33			1, 626. 73	1, 107. 02	\$1, 734. 98		2, 485. 85
Arkansas	410, 989. 65	39, 433. 46	4, 167. 13	193, 490. 09	129, 079. 98	3, 718. 00	\$3, 499. 04	\$594. 16		4, 315. 12	6, 069. 75		
California	333, 779. 64	25, 501. 49		202, 177. 96	49, 761. 85	23, 333. 83	7, 331. 66			5, 167. 69			
Colorado	200, 837. 96	21, 359. 92		108, 338. 09	8, 580. 86	23, 299. 38	7, 940. 81						
Connecticut	238, 125. 57	13, 229. 58		111, 642. 68	8, 672. 46	13, 937. 25	11, 669. 81	826. 64	8, 405. 42	10, 384. 76	6, 287. 26		7, 576. 84
Delaware	38, 116. 56	5, 572. 94		15, 284. 15	3, 181. 58	11, 911. 22			8, 291. 23				5, 215. 06
Florida	225, 709. 32	15, 276. 82		103, 784. 42	73, 361. 91	19, 335. 61		533. 37		2, 579. 68	3, 347. 79		
Georgia	526, 107. 67	39, 500. 54		237, 071. 74	131, 201. 89	18, 385. 65	8, 986. 34		5, 493. 14	1, 007. 13		1, 965. 47	9, 190. 67
Idaho	243, 272. 64	13, 527. 23		113, 783. 53	21, 923. 65	24, 782. 34	5, 210. 17	3, 878. 99	8, 872. 07		6, 119. 37		12, 126. 88
Illinois	830, 008. 58	15, 591. 97		674, 930. 88	63, 934. 38	18, 819. 75	18, 985. 79		9, 416. 62		5, 001. 95		8, 331. 50
Indiana	461, 134. 51	24, 643. 05		287, 483. 30	9, 909. 48	21, 603. 33	9, 232. 82		13, 205. 22	11, 646. 94	11, 931. 85	3, 885. 12	9, 562. 87
Iowa	885, 320. 85	60, 942. 10		532, 592. 50	93, 260. 31	39, 394. 93	19, 692. 71		17, 973. 14	17, 973. 14	19, 396. 71	4, 513. 73	17, 478. 05
Kansas	473, 801. 02	16, 064. 93		294, 874. 15	22, 957. 77	12, 922. 13	20, 666. 16	30, 829. 05	10, 517. 11	3, 890. 09	7, 388. 13	2, 806. 75	12, 439. 66
Kentucky	423, 262. 99	26, 493. 81		211, 021. 10	63, 247. 83	28, 611. 78	10, 622. 13	2, 315. 90	14, 381. 79	8, 608. 28	5, 647. 43	3, 669. 85	10, 700. 52
Louisiana	280, 516. 78	21, 566. 54		118, 607. 27	51, 939. 90	18, 214. 63			9, 708. 56	8, 451. 62	8, 092. 60	33. 33	
Maine	124, 891. 26	13, 307. 33		52, 378. 15	29, 786. 84	7, 048. 38	2, 619. 70	145. 28	1, 846. 12	3, 104. 80	3, 354. 47		3, 849. 38
Maryland	224, 012. 33	26, 581. 96		102, 621. 64	53, 140. 13	8, 588. 50			3, 610. 61	5, 265. 28	2, 077. 72		3, 944. 85
Massachusetts	160, 786. 79	16, 825. 22		29, 786. 42	16, 868. 73	27, 659. 23	9, 514. 24	3, 327. 39	3, 776. 77	5, 265. 28	2, 077. 72		4, 577. 32
Michigan	397, 789. 44	17, 813. 10		201, 103. 63	20, 295. 04	44, 140. 15	21, 602. 50		14, 629. 33	4, 362. 36	700. 00		18, 039. 55
Minnesota	513, 721. 21	22, 944. 70		363, 862. 30	29, 990. 42	27, 470. 15	10, 073. 57		4, 183. 10	8, 354. 19	11, 157. 06		2, 538. 53
Mississippi	454, 042. 76	15, 663. 33		191, 769. 13	135, 778. 81	30, 469. 07	10, 472. 96		4, 425. 74	4, 132. 05	12, 339. 82		
Missouri	421, 907. 43	14, 235. 21		253, 521. 21	47, 352. 20	10, 325. 44	24, 067. 04		12, 062. 87	9, 029. 96	8, 542. 92		17, 742. 26
Montana	291, 731. 54	18, 837. 46		148, 959. 86	35, 837. 46	16, 146. 80	7, 963. 65		6, 082. 05	2, 629. 19			8, 113. 78
Nebraska	292, 497. 69	17, 959. 68		159, 854. 76	17, 124. 39	27, 576. 81	12, 834. 90		4, 724. 82	7, 142. 82			7, 934. 54
Nevada	88, 045. 71	7, 938. 02		41, 063. 67	16, 437. 13	7, 291. 54							4, 128. 27
New Hampshire	126, 751. 84	11, 790. 66		65, 359. 59	20, 906. 06	18, 117. 81		879. 69		300. 00	1, 730. 00		
New Jersey	250, 045. 75	18, 852. 94		105, 274. 84	43, 111. 99	42, 528. 00	7, 407. 40			5, 656. 47	6, 553. 64		4, 328. 38
New Mexico	150, 719. 71	15, 328. 47		81, 185. 18	12, 727. 75	17, 511. 12							
New York	1, 207, 336. 16	76, 360. 88		477, 478. 17	166, 311. 03	75, 216. 53	44, 101. 43	60, 759. 32	14, 935. 21	17, 356. 26	6, 151. 30	4, 117. 27	24, 052. 36
North Carolina	537, 976. 10	27, 278. 62		225, 707. 54	120, 544. 42	24, 803. 38			40, 576. 77		9, 420. 00	7, 400. 00	16, 072. 97
North Dakota	250, 929. 03	33, 174. 52		134, 842. 77	14, 875. 48	25, 757. 24	6, 809. 47	660. 69	4, 022. 12	2, 935. 91	2, 633. 65	4, 531. 20	1, 379. 26
Ohio	571, 902. 01	46, 869. 18		275, 741. 57	30, 620. 53	57, 335. 37	18, 318. 48	2, 113. 24	9, 584. 73	8, 581. 92	8, 723. 31		27, 039. 47
Oklahoma	451, 215. 22	25, 893. 18		238, 272. 89	116, 695. 22	25, 404. 08	1, 129. 53		4, 953. 84	8, 389. 22	4, 665. 10		2, 846. 05
Oregon	290, 815. 51	31, 067. 15		135, 634. 95	18, 357. 58	44, 846. 26	5, 272. 34	5, 258. 50	4, 385. 57	4, 418. 95			1, 480. 65
Pennsylvania	587, 205. 12	38, 242. 21		293, 406. 88	2, 000	14, 434. 11	101, 083. 81	208. 99	16, 740. 48	20, 221. 56	23, 922. 55		17, 677. 16
Rhode Island	38, 866. 70	3, 344. 38		16, 118. 96	11, 678. 91	5, 943. 68							
South Carolina	394, 412. 34	26, 541. 03		139, 092. 97	113, 013. 00	12, 763. 92	11, 140. 02		11, 906. 51	3, 095. 39	10, 824. 53		17, 045. 08
South Dakota	334, 384. 12	19, 532. 99		244, 823. 61	5, 744. 45	14, 947. 12	6, 478. 27		8, 481. 40	4, 299. 82	4, 202. 71	4, 657. 28	5, 001. 38
Tennessee	361, 902. 02	32, 267. 36		165, 279. 72	94, 970. 87	10, 154. 22		5, 781. 31	13, 213. 25	4, 247. 64	8, 944. 81		6, 344. 94

Texas	807, 239. 33	35, 293. 79	14, 534. 14	513, 682. 55	126, 703. 12	20, 426. 66	18, 191. 95	9, 326. 15	6, 903. 72	9, 147. 48	6, 272. 60
Utah	121, 048. 23	11, 591. 56	904. 52	46, 187. 77	13, 619. 78	3, 013. 16	2, 597. 10	1, 650. 74	12, 042. 95	3, 758. 44	1, 616. 15
Vermont	147, 758. 49	12, 178. 66	775. 26	60, 060. 41	30, 202. 18	29, 588. 05	5, 452. 96	9, 061. 71	5, 367. 32	12, 553. 03	7, 002. 57
Virginia	468, 479. 39	38, 219. 30	8, 584. 69	238, 885. 72	89, 685. 65	13, 565. 07	8, 863. 69	4, 908. 63	7, 576. 73	7, 804. 88	5, 527. 98
Washington	324, 047. 43	24, 589. 50	2, 670. 08	159, 389. 24	35, 517. 86	38, 574. 07	746. 50	4, 138. 39	5, 730. 67	2, 312. 07	4, 653. 69
West Virginia	277, 646. 96	27, 795. 21	5, 547. 00	120, 048. 06	40, 788. 51	28, 079. 11	14, 545. 64	4, 346. 91	5, 474. 51	19, 315. 26	17, 622. 32
Wisconsin	309, 880. 61	18, 806. 22	12, 903. 61	159, 919. 58	7, 367. 15	13, 468. 03	2, 777. 52	1, 163. 94	1, 607. 58	6, 672. 11	
Wyoming	97, 637. 89	12, 287. 38	1, 281. 58	39, 580. 14	16, 347. 27	11, 616. 56					
Total, 1922	17, 181, 751. 64	1, 159, 074. 59	408, 983. 22	8, 946, 340. 45	2, 400, 789. 74	1, 054, 388. 85	470, 378. 09	334, 436. 03	241, 417. 41	289, 773. 00	350, 605. 55
1921	16, 792, 248. 32	1, 147, 756. 66	382, 034. 06	8, 911, 965. 32	2, 388, 473. 21	923, 982. 19	300, 146. 47	300, 270. 51	209, 454. 02	323, 182. 77	281, 547. 94
1920	14, 658, 079. 92	995, 051. 57	308, 629. 24	7, 665, 170. 77	2, 177, 024. 52	883, 615. 86	332, 415. 38	231, 141. 57	151, 161. 93	276, 917. 62	218, 019. 26
1919	14, 661, 560. 50	930, 658. 24	263, 616. 98	7, 124, 500. 90	2, 839, 210. 50	921, 621. 38		380, 168. 56	199, 441. 89	289, 756. 98	170, 634. 71
1918	11, 302, 764. 75	734, 173. 86	207, 478. 99	5, 604, 962. 72	2, 226, 227. 97	669, 666. 18		309, 270. 72	70, 402. 84	332, 852. 55	153, 211. 24
1917	6, 149, 619. 63	512, 891. 54	137, 647. 87	3, 058, 640. 94	741, 679. 89	319, 556. 91		175, 754. 15	59, 498. 54	208, 966. 83	105, 529. 87
1916	4, 864, 180. 94	445, 243. 67	99, 779. 68	2, 411, 539. 81	519, 866. 99	231, 227. 16		162, 063. 74	47, 328. 49	172, 557. 69	77, 859. 05
1915	3, 498, 815. 35	295, 308. 48	71, 597. 65	1, 902, 230. 51	319, 822. 50	162, 448. 27		131, 937. 90	19, 475. 14	106, 098. 08	20, 912. 81
								42, 448. 08		4, 563. 64	

<sup>1</sup> Prior to 1920 included home economics specialists.

<sup>2</sup> Prior to 1920 included under home demonstration work.



TABLE 10.—Total expenditures of funds from all sources for cooperative agricultural extension work for the year ended June 30, 1922—Con.

BY PROJECTS—CONTINUED.

State.	Horticulture.	Botany and plant pathology.	Entomology, apiculture, ornithology.	Rodent pests.	Forestry.	Agricultural engineering.	Farm management.	Rural organization.	Marketing.	Exhibits and fairs.	Farmers' institutes.	Correspondence courses.	Agriculture in schools.	Miscellaneous specialists.
Alabama.....	\$7,461.52	\$1,006.13	\$2,522.02			\$6,294.80	\$1,077.42		\$4,826.19					\$459.09
Arizona.....	1,989.05			\$14,201.00										
Arkansas.....	4,445.67			1,375.00		783.80	1,647.48		16,370.97					
California.....				8,958.00			4,163.85							7,383.31
Colorado.....				7,696.00			3,834.93		6,164.07					
Connecticut.....	10,916.05		2,572.56			1,378.34	7,396.44		7,237.22					5,714.08
Delaware.....	1,066.64	195.07												
Florida.....	10.97	1,685.96				4,274.36			8,454.56	\$2,270.08				39,875.00
Georgia.....	7,030.07		6,559.39	20,089.57										
Idaho.....	4,634.00													
Illinois.....	4,729.90						6,434.90							
Indiana.....	8,266.32	6,957.46	553.63			3,611.27	7,958.62				\$26,164.73			
Iowa.....	14,834.25	2,107.67	6,888.95			6,208.92	13,638.17		6,024.24					
Kansas.....	4,612.23	3,793.91	4,042.06	2,323.00		9,213.90	3,993.11							
Kentucky.....	7,278.88					3,645.54	6,621.85		8,225.43					
Louisiana.....	11,786.97		3,303.00		825.00				4,070.18	2,879.63				3,287.43
Maine.....							6,032.62							215.05
Maryland.....	6,496.41	4,174.39	4,956.04					\$1,283.58						1,265.35
Massachusetts.....	16,166.61	240.00	11.51			214.65	5,525.87		5,017.49	1,215.79		\$4,176.18		
Michigan.....	10,582.38		5,302.88			7,429.96	6,066.80		18,753.91					
Minnesota.....	2,341.80	4,171.97					4,126.34				6,947.00			
Mississippi.....	9,825.40		4,125.97			8,141.05			23,569.66					
Missouri.....	7,491.64	2,943.74	4,045.49	16,173.65		2,788.94			6,629.47					
Montana.....				3,436.00		4,035.56	2,595.54		2,415.02	968.27				3,418.28
Nebraska.....	5,713.80			5,907.00		7,953.43	3,851.77		5,095.61					
Nevada.....									3,464.87					
New Hampshire.....							3,785.27							
New Jersey.....	13,224.08													
New Mexico.....				11,172.00					4,282.95					2,996.68
New York.....	16,103.29	15,956.52	18,274.22			10,194.25	14,601.34	4,537.38	3,339.63					
North Carolina.....	7,718.44	2,412.15	11,170.07			8,820.17			17,075.55	601.50				
North Dakota.....		2,219.15		5,819.00			8,011.33		590.00	155.52				
Ohio.....	12,165.48	3,581.52	4,813.44				9,600.57		3,599.72		29,766.09	4,460.74		
Oklahoma.....	4,052.07			6,293.00		3,488.07	9,298.88							
Oregon.....	4,930.01			16,981.46		1,636.85	3,852.24		1,478.49					
Pennsylvania.....	10,436.06	15,128.55	8,477.05		4,337.45		9,420.77		5,544.17					
Rhode Island.....	10.97						1,139.80							
South Carolina.....	14,164.30	600.00	5,134.24						22,439.46					
South Dakota.....			4,053.09	3,319.00		4,420.15	4,244.94							
Tennessee.....						3,443.32			6,603.34					

[illegible]



TABLE 11.—Number of counties with county agents, and expenditures for the fiscal year ended June 30, 1922.

State.	Num- ber of agricul- tural coun- ties.	Number of counties with agents, July 1—								Total expenditures.	Salaries.	Travel.	Other expenses
		1914	1915	1916	1917	1918	1919	1920—	1921	1922			
Alabama.....	67	67	67	65	62	66	65	55	55	55	\$212,545.26	\$193,346.72	\$15,450.75
Arizona.....	14	45	3	6	7	11	11	10	9	11	47,819.45	28,898.85	12,054.05
Arkansas.....	75	45	52	53	61	68	66	58	44	40	193,490.09	161,546.42	31,943.67
California.....	45	4	11	13	17	33	35	35	37	36	202,177.96	186,377.36	12,312.43
Colorado.....	63	13	13	19	16	29	27	24	24	26	108,338.09	71,405.69	36,224.46
Connecticut.....	8	1	6	7	8	8	8	8	8	8	111,642.68	66,514.98	22,046.84
Delaware.....	3	—	3	3	3	3	3	3	3	3	15,284.15	12,029.25	2,831.69
Florida.....	54	25	36	33	37	53	47	32	31	33	103,784.42	95,667.99	6,608.21
Georgia.....	152	80	81	83	117	120	134	97	85	98	237,071.74	220,537.93	15,095.10
Idaho.....	44	2	3	7	11	27	32	34	32	28	113,783.53	75,692.66	12,324.25
Illinois.....	102	14	18	20	22	53	63	81	85	85	674,930.88	528,256.19	4,827.70
Indiana.....	92	27	31	32	40	67	76	68	82	85	287,483.30	241,197.43	4,827.70
Iowa.....	99	9	11	16	26	97	99	99	99	99	532,592.50	375,216.17	105,752.80
Kansas.....	105	9	39	56	53	67	53	51	59	56	294,874.15	177,263.86	34,068.22
Kentucky.....	120	28	39	47	45	90	71	53	61	61	211,021.10	157,461.49	105,752.80
Louisiana.....	64	41	43	43	42	58	55	41	38	45	118,607.27	111,635.72	84,813.23
Maine.....	16	—	3	4	9	16	16	16	16	16	52,378.15	38,300.57	6,914.77
Maryland.....	24	8	13	16	23	22	23	22	23	22	102,621.64	81,126.39	13,980.64
Massachusetts.....	14	1	10	9	11	13	13	11	11	11	29,786.42	28,094.09	17,247.02
Michigan.....	84	11	17	22	30	71	63	60	64	69	201,103.63	196,482.88	3,049.84
Minnesota.....	86	27	23	19	16	85	86	82	83	77	363,862.30	278,165.37	65,247.98
Mississippi.....	81	48	49	44	53	79	75	71	50	56	191,769.13	181,390.66	9,270.52
Missouri.....	115	13	15	14	15	71	52	47	58	55	253,521.21	218,162.17	34,062.40
Montana.....	51	4	8	7	12	23	24	27	26	26	148,959.86	88,360.00	1,296.64
Nebraska.....	93	5	8	9	8	79	54	39	46	42	159,854.76	153,819.98	26,881.64
Nevada.....	17	—	—	—	6	8	4	6	7	9	41,063.67	25,678.49	3,268.39
New Hampshire.....	10	1	5	8	9	10	10	9	10	10	65,359.59	28,293.85	10,443.92
New Jersey.....	21	4	7	11	10	17	18	18	18	18	45,359.59	28,293.85	10,232.71
New Mexico.....	26	—	8	9	11	25	26	22	19	18	105,274.84	73,394.10	19,182.22
New York.....	57	25	29	36	41	56	55	55	55	55	477,478.17	52,249.40	6,778.48
North Carolina.....	100	51	64	65	69	91	87	77	59	66	225,707.54	170,848.78	82,486.70
North Dakota.....	51	17	15	15	17	38	32	28	36	36	134,842.77	99,008.04	37,971.86
Ohio.....	88	8	10	12	20	63	65	63	80	83	275,741.57	219,973.79	34,868.42
Oklahoma.....	77	40	56	59	62	77	70	73	71	74	238,272.89	225,763.98	11,614.21
Oregon.....	36	10	12	13	14	23	23	26	26	24	135,634.95	93,743.17	54,643.80
Pennsylvania.....	67	10	14	22	45	53	40	54	57	63	293,406.88	218,624.36	28,057.99
Rhode Island.....	5	—	—	4	4	5	4	4	4	4	16,118.96	11,976.35	3,460.03
South Carolina.....	45	43	43	42	40	43	45	45	42	42	139,092.97	127,974.63	9,403.46
South Dakota.....	66	3	5	11	13	59	36	39	43	48	244,823.61	189,546.92	15,683.02
Tennessee.....	95	36	38	48	57	91	76	45	38	41	165,279.72	149,899.29	12,533.87

[illegible]



TABLE 12.—Number of counties with home demonstration agents, and expenditures for home demonstration work for the fiscal year ended June 30, 1922.

State.	Num- ber of agricul- tural count- ties.	Number of counties with agents, July 1—								Total expenditures.	Salaries.	Travel.	Other expenses.
		1914	1915	1916	1917	1918	1919	1920	1921	1922			
Alabama	67	18	19	27	28	67	54	32	36	34	\$115,870.29	\$8,701.28	\$2,796.56
Arizona	14	---	---	---	---	3	6	6	8	10	16,303.64	3,427.83	1,443.03
Arkansas	75	15	20	31	47	65	58	42	34	32	129,079.98	24,307.42	---
California	45	---	---	---	---	24	8	10	10	16	49,761.85	4,710.97	554.51
Colorado	63	---	---	2	---	7	3	2	1	2	8,580.86	2,396.86	112.37
Connecticut	8	---	---	---	5	8	6	6	3	5	8,672.46	7,927.67	263.28
Delaware	3	---	---	---	1	3	2	---	---	---	3,181.58	867.73	155.63
Florida	54	24	27	28	35	54	42	29	28	29	73,361.91	10,837.14	1,286.60
Georgia	152	29	48	45	57	125	93	66	66	70	131,201.89	12,620.41	1,303.73
Idaho	44	---	---	1	---	24	4	5	5	21	21,923.65	5,370.29	1,701.69
Illinois	102	---	---	---	---	88	17	11	11	11	63,934.38	3,097.99	8,500.00
Indiana	92	---	---	---	---	22	8	5	3	2	9,909.48	804.80	163.88
Iowa	99	---	---	---	---	96	23	19	21	18	93,260.31	26,512.25	983.03
Kansas	105	---	---	---	---	14	8	7	7	8	22,957.77	3,746.56	2,436.21
Kentucky	120	9	19	24	27	96	74	18	19	26	68,247.83	22,394.68	249.65
Louisiana	64	13	13	18	20	33	32	24	25	26	51,939.90	6,269.15	625.82
Maine	16	---	---	---	---	14	2	5	10	14	29,786.84	9,388.97	651.62
Maryland	24	5	6	10	13	22	23	21	17	16	53,140.13	13,056.98	60
Massachusetts	14	---	---	1	6	12	10	9	9	11	16,868.73	14,556.02	938.78
Michigan	84	---	---	1	1	24	13	12	10	8	20,295.04	1,760.52	181.53
Minnesota	86	---	---	---	---	39	8	8	7	4	29,990.42	6,606.58	742.07
Mississippi	81	33	33	32	49	71	64	53	35	48	135,778.81	115,424.41	2,426.45
Missouri	115	---	---	---	---	48	20	11	14	13	47,352.20	40,386.13	218.63
Montana	51	---	---	---	---	18	11	9	7	11	35,837.46	22,626.00	4,129.52
Nebraska	93	---	---	---	2	30	10	7	7	3	17,124.39	15,974.04	1,279.33
Nevada	17	---	---	1	---	10	5	5	6	4	16,437.13	10,011.67	5,377.76
New Hampshire	10	---	---	---	---	9	6	3	5	6	20,906.06	14,985.11	5,734.68
New Jersey	21	---	---	1	---	8	5	8	7	9	43,111.99	29,404.19	3,226.31
New Mexico	26	---	---	---	---	11	5	4	4	2	12,727.75	8,183.37	414.38
New York	57	---	---	---	---	38	24	22	28	31	166,311.03	36,613.61	25,195.19
North Carolina	100	27	34	44	48	72	66	59	47	49	120,544.42	104,095.40	7,895.89
North Dakota	51	---	---	1	2	33	5	4	2	6	14,875.48	9,801.56	589.28
Ohio	88	---	---	---	---	13	5	2	7	10	30,820.53	23,301.60	4,484.64
Oklahoma	77	19	24	22	23	50	46	40	36	37	116,695.22	104,169.70	205.02
Oregon	36	---	---	---	---	15	5	5	6	4	18,357.58	13,528.16	3,004.85
Pennsylvania	67	---	---	1	---	48	---	---	---	---	2,00	3,741.04	1,088.38
Rhode Island	5	---	---	---	---	---	---	2	3	5	11,678.91	2,720.86	61.17
South Carolina	45	21	24	31	36	44	45	45	36	36	113,013.00	10,191.65	1.93
South Dakota	66	---	---	---	---	42	3	3	1	1	5,744.45	1,688.67	10.15

Tennessee.....	95	18	24	31	49	94	77	41	26	25	94, 970. 87	81, 219. 06	11, 864. 33	1, 887. 48
Texas.....	250	26	27	38	31	67	69	55	38	52	126, 703. 12	94, 241. 70	32, 446. 46	14. 96
Utah.....	29			2	2	14	4	6	3	15	13, 619. 78	11, 898. 40	1, 326. 35	395. 03
Vermont.....	14					7	5	4	6	9	30, 202. 18	16, 585. 43	7, 390. 55	6, 226. 20
Virginia.....	100	17	22	25	38	52	36	28	23	30	89, 685. 65	74, 222. 62	15, 014. 99	4, 448. 04
Washington.....	39					22	6	8	7	7	35, 517. 86	25, 816. 79	6, 860. 30	2, 840. 77
West Virginia.....	55	5	10	12	12	33	22	12	8	18	40, 788. 51	35, 752. 82	5, 001. 11	34. 58
Wisconsin.....	71					17	4	2	1	1	7, 367. 15	5, 940. 60	1, 411. 59	14. 96
Wyoming.....	21					5	7	7	6	6	16, 347. 27	14, 403. 11	1, 876. 71	67. 45
Total, 1922.....	3, 011									801	2, 400, 789. 74	1, 916, 177. 00	396, 948. 99	87, 663. 75
1921.....											2, 388, 473. 21	1, 883, 446. 06	433, 764. 55	71, 262. 60
1920.....											2, 177, 024. 52	1, 705, 993. 32	384, 831. 29	86, 199. 91
1919.....							1, 049				1 2, 889, 210. 50	1 2, 266, 767. 37	1 525, 759. 57	1 96, 683. 56
1918.....											1 2, 226, 227. 97	1 1, 771, 742. 77	1 383, 509. 92	1 70, 975. 28
1917.....					537						1 741, 679. 89	1 607, 465. 43	1 109, 495. 28	1 24, 719. 18
1916.....				430							1 519, 866. 99	1 420, 420. 04	1 79, 330. 84	1 20, 116. 11
1915.....		279	350											
1914.....														

Includes expenditures for home economics specialists.



TABLE 13.—*Number of persons on the extension staffs, classified according to the time devoted to agricultural extension work, for the fiscal year ended June 30, 1922.*

State.	Extension staff.								Also connected with experi- ment station.				Also connected with college teaching.			
	Total.		Full time.		More than half time.		Less than half time.		More than half time.		Less than half time.		More than half time.		Less than half time.	
	M. <sup>1</sup>	W. <sup>2</sup>	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.
Alabama.....	115	58	111	58			4				2				2	
Arizona.....	18	13	13	9	5			4	5				5			
Arkansas.....	95	69	88	68			7	1			7	1			7	1
California.....	105	23	105	23												
Colorado.....	41	8	41	8												
Connecticut.....	31	15	28	13	3	1		1					3	1		
Delaware.....	8	4	5	4			3				3				2	
Florida.....	53	47	48	44	2	3	3		1	3	3		1			
Georgia.....	125	108	125	108											6	
Idaho.....	56	14	47	11			9	3			1				14	1
Illinois.....	154	30	141	27	11	1	2	2			2	1			2	2
Indiana.....	180	36	135	15	3		42	21	2		1				2	
Iowa.....	160	34	159	34	1						1		1			
Kansas.....	91	21	91	21												
Kentucky.....	140	73	129	63	3	7	8	3	3	2	7	3	3		4	1
Louisiana.....	83	32	81	32	2				1				1			
Maine.....	24	15	23	14	1			1					1			
Maryland.....	57	25	37	25	1		19		1		4				15	
Massachusetts.....	44	24	39	22			5	2	1						14	
Michigan.....	95	19	90	19	3		2		3		2					
Minnesota.....	112	20	102	17	5	2	5	1			2					
Mississippi.....	106	86	103	81	2	5	1						1		1	
Missouri.....	101	30	92	25			9	5			1					
Montana.....	49	16	38	16			11				2					
Nebraska.....	66	12	65	12	1											
Nevada.....	14	17	10	5	2	5	2	7					1			
New Hampshire.....	19	12	17	12	2				2							
New Jersey.....	44	32	37	26			7	6			7	6				
New Mexico.....	39	9	37	8			2	1			2	1			2	1
New York.....	181	80	111	71	43	4	27	5	5		2	1	18	4	8	
North Carolina.....	90	61	87	61			3				3					
North Dakota.....	54	19	50	19			4		1							
Ohio.....	167	47	133	33			34	14				1			7	
Oklahoma.....	102	65	102	64		1										
Oregon.....	49	20	47	18	1	1	1	1							1	
Pennsylvania.....	128	32	106	31			22	1			21				21	
Rhode Island.....	6	3	4	3	1		1									
South Carolina.....	73	57	64	56	1	1	8				8				8	
South Dakota.....	62	8	60	8	2											
Tennessee.....	70	38	70	38												
Texas.....	207	97	207	97												
Utah.....	32	10	21	9	3	1	8				7			1	7	
Vermont.....	25	15	21	15	2		2		2		2		2		2	
Virginia.....	138	63	129	63	6		3				2		5		2	
Washington.....	50	32	45	21	1	5	4	6			21				24	1
West Virginia.....	90	46	64	36	1	10	25		1				1			
Wisconsin.....	103	10	69	6	16	3	18	1	7		11		12		13	1
Wyoming.....	27	10	25	9			2	1			2	1			1	1
Total, 1922.....	3,879	1,615	3,452	1,478	124	50	303	87	35	5	126	15	55	6	165	9
1921.....	3,688	1,619	3,280	1,522	106	27	302	70	115	24	135	13	45	3	165	13
1920.....	3,943	1,689	3,360	1,488	127	46	456	155	45		96	5	48	4	203	18
1919.....	4,137	1,970	3,485	1,807	179	46	473	117	90	16	159	10	23	4	214	23
1918.....	4,409	2,336	3,548	1,959	184	88	677	289	97	13	200	5	28	4	213	24
1917.....	2,983	1,117	2,238	787	209	127	536	203	29		206	2	26	2	249	14
1916.....	2,266	754	1,686	515	108	100	472	139	30		199	7	33	19	226	17

<sup>1</sup> Men.<sup>2</sup> Women.

TABLE 14.—*Agricultural extension publications for the fiscal year ended June 30, 1922.*

State.	Number of publi- cations issued.	Number of pages issued.	Number on mailing list.	Total cost
Alabama.....	5	76		\$800.27
Arizona.....	15	84	4,086	346.90
Arkansas.....	13	129	20,000	4,167.13
California.....			40,697	
Colorado.....	16	232	24,000	4,641.64
Connecticut.....	16	220	1,000	12,754.15
Delaware.....	2	52	2,200	903.96
Florida.....	6	201	18,000	5,792.79
Georgia.....	20	7,600	15,000	5,702.41
Idaho.....	9	216		1,715.45
Illinois.....	14	322	33,000	3,830.94
Indiana.....	30	228	446	4,458.53
Iowa.....	37	291	7,000	15,605.56
Kansas.....	37	380	375	10,466.88
Kentucky.....	43	1,073	12,000	7,170.87
Louisiana.....	25	364	20,000	10,550.79
Maine.....	12	196	6,000	1,203.14
Maryland.....	18	165	9,000	2,454.59
Massachusetts.....	50	674	12,925	8,473.68
Michigan.....	4	122		4,437.84
Minnesota.....	51	291	55,000	15,560.08
Mississippi.....	26	216	45,000	3,329.77
Missouri.....	21	194	2,700	4,072.78
Montana.....	9	154		1,795.24
Nebraska.....	4	55		8,346.34
Nevada.....		60	2,000	85.21
New Hampshire.....	13	176	8,000	1,964.99
New Jersey.....	11	83	11,500	3,108.01
New Mexico.....	18	201	9,000	1,398.29
New York.....	23	909	70,375	152,094.22
North Carolina.....	15	234	20,285	17,662.02
North Dakota.....	20	197	8,100	2,491.72
Ohio.....	105	928	37,000	9,487.76
Oklahoma.....	52	484	38,000	9,132.97
Oregon.....	22	160		2,745.06
Pennsylvania.....	11	178	33,000	4,921.32
Rhode Island.....	4	60	1,680	630.00
South Carolina.....	26	335	3,500	6,649.89
South Dakota.....	15	121	19,507	177.91
Tennessee.....	21	278	43,000	10,651.24
Texas.....	51	516	17,000	14,534.14
Utah.....	11	92	1,200	904.52
Vermont.....	11	112	7,000	775.26
Virginia.....	30	447	60,000	8,584.69
Washington.....	90	186	14,553	2,670.08
West Virginia.....	50	282		5,547.00
Wisconsin.....	53	579	56,303	12,903.61
Wyoming.....	6	144	2,800	1,281.58
Total, 1922.....	1,141	20,297	792,232	408,983.22
1921.....	1,020	11,518	840,467	382,034.06
1920.....	1,094	12,184	818,331	308,629.24
1919.....	1,212	11,753	797,237	263,616.98
1918.....	1,377	12,625	979,431	190,267.35
1917.....	1,472	13,153	798,689	133,647.87
1916.....	864	9,330	1,023,828	99,779.68
1915.....	819	8,279	967,426	72,090.72



## APPENDIX.

### DEPARTMENT OFFICIALS IN CHARGE OF COOPERATIVE EXTENSION WORK.

#### EXTENSION SERVICE.<sup>1</sup>

C. W. Warburton, Director.

OFFICE OF COOPERATIVE EXTENSION WORK,

C. B. Smith, Chief.

J. A. Evans, Assistant Chief.

### STATE DIRECTORS IN CHARGE OF COOPERATIVE EXTENSION WORK.

ALABAMA.—L. N. Duncan, Alabama Polytechnic Institute, Auburn.  
ARIZONA.—P. H. Ross, College of Agriculture, University of Arizona, Tucson.  
ARKANSAS.—{ Dan T. Gray, director, College of Agriculture, University of Arkansas, Fayetteville.  
T. R. Reid, assistant director, 310 Donaghey Building, Little Rock.  
CALIFORNIA.—B. H. Crocheron, College of Agriculture, University of California, Berkeley.  
COLORADO.—Roud McCann, State Agricultural College of Colorado, Fort Collins.  
CONNECTICUT.—B. W. Ellis, Connecticut Agricultural College, Storrs.  
DELAWARE.—C. A. McCue, University of Delaware, Newark.  
FLORIDA.—Wilmon Newell, Agricultural Extension Service, Experiment Station, Gainesville.  
GEORGIA.—J. Phil Campbell, Georgia State College of Agriculture, Athens.  
IDAHO.—E. J. Iddings,<sup>2</sup> College of Agriculture, University of Idaho, Moscow.  
ILLINOIS.—H. W. Mumford, College of Agriculture, University of Illinois, Urbana.  
INDIANA.—G. I. Christie, Purdue University, La Fayette.  
IOWA.—R. K. Bliss, Iowa State College of Agriculture and Mechanic Arts, Ames.  
KANSAS.—H. J. C. Umberger, Kansas State Agricultural College, Manhattan.  
KENTUCKY.—T. P. Cooper, College of Agriculture, University of Kentucky, Lexington.  
LOUISIANA.—W. R. Perkins, Louisiana State University and Agricultural and Mechanical College, University Station, Baton Rouge.  
MAINE.—L. S. Merrill, College of Agriculture, University of Maine, Orono.  
MARYLAND.—T. B. Symons, University of Maryland, College Park.  
MASSACHUSETTS.—J. D. Willard, Massachusetts Agricultural College, Amherst.  
MICHIGAN.—R. J. Baldwin, Michigan Agricultural College, East Lansing.  
MINNESOTA.—F. W. Peck, Department of Agriculture of the University of Minnesota, University Farm, St. Paul.  
MISSISSIPPI.—R. S. Wilson, Mississippi Agricultural and Mechanical College, A. and M. College.  
MISSOURI.—A. J. Meyer, College of Agriculture, University of Missouri, Columbia.  
MONTANA.—F. S. Cooley, Montana State College of Agriculture and Mechanic Arts, Bozeman.  
NEBRASKA.—W. H. Brokaw, College of Agriculture, University of Nebraska, Lincoln.  
NEVADA.—C. W. Creel, College of Agriculture, University of Nevada, Reno.  
NEW HAMPSHIRE.—J. C. Kendall, University of New Hampshire, Durham.  
NEW JERSEY.—H. J. Baker, College of Agriculture and Mechanic Arts of Rutgers College and the State University of New Jersey, New Brunswick.  
NEW MEXICO.—C. F. Monroe, New Mexico College of Agriculture and Mechanic Arts, State College.  
NEW YORK.—M. C. Burritt, New York State College of Agriculture, Ithaca.  
NORTH CAROLINA.—B. W. Kilgore, North Carolina State College of Agriculture and Engineering, State College Station, Raleigh.  
NORTH DAKOTA.—G. W. Randlett, North Dakota Agricultural College, Agricultural College.  
OHIO.—H. C. Ramsower, College of Agriculture, Ohio State University, Columbus.  
OKLAHOMA.—W. D. Bentley,<sup>2</sup> Oklahoma Agricultural and Mechanical College, Stillwater.  
OREGON.—P. V. Maris, Oregon Agricultural College, Corvallis.  
PENNSYLVANIA.—M. S. McDowell, Pennsylvania State College, State College.  
RHODE ISLAND.—A. E. Stone, Rhode Island State College, Kingston.  
SOUTH CAROLINA.—W. W. Long, Clemson Agricultural College of South Carolina, Clemson College.  
SOUTH DAKOTA.—W. F. Kumlien, South Dakota State College of Agriculture and Mechanic Arts, Brookings.  
TENNESSEE.—C. A. Kaffer, College of Agriculture, University of Tennessee, Knoxville.  
TEXAS.—T. O. Walton, Agricultural and Mechanical College of Texas, College Station.  
UTAH.—R. J. Evans, Agricultural College of Utah, Logan.  
VERMONT.—Thomas Bradlee, University of Vermont and State Agricultural College, Burlington.  
VIRGINIA.—J. R. Hutcheson, Virginia Polytechnic Institute, Blacksburg.  
WASHINGTON.—S. B. Nelson, State College of Washington, Pullman.  
WEST VIRGINIA.—N. T. Frame, College of Agriculture, West Virginia University, Morgantown.  
WISCONSIN.—{ H. L. Russell, director,  
K. L. Hatch, assistant director, } College of Agriculture, University of Wisconsin, Madison.  
WYOMING.—A. E. Bowman, College of Agriculture, University of Wyoming, Laramie.

<sup>1</sup> On July 1, 1923, by act of Congress the States Relations Service, of which the Office of Cooperative Extension Work was a part, was abolished. Since that time the extension work of the department has been conducted through the Extension Service, consisting of the offices of Cooperative Extension Work, Motion Pictures, and Exhibits.

<sup>2</sup> Acting director.





